

Program EVALPLOT
(Version 2017-1)

by

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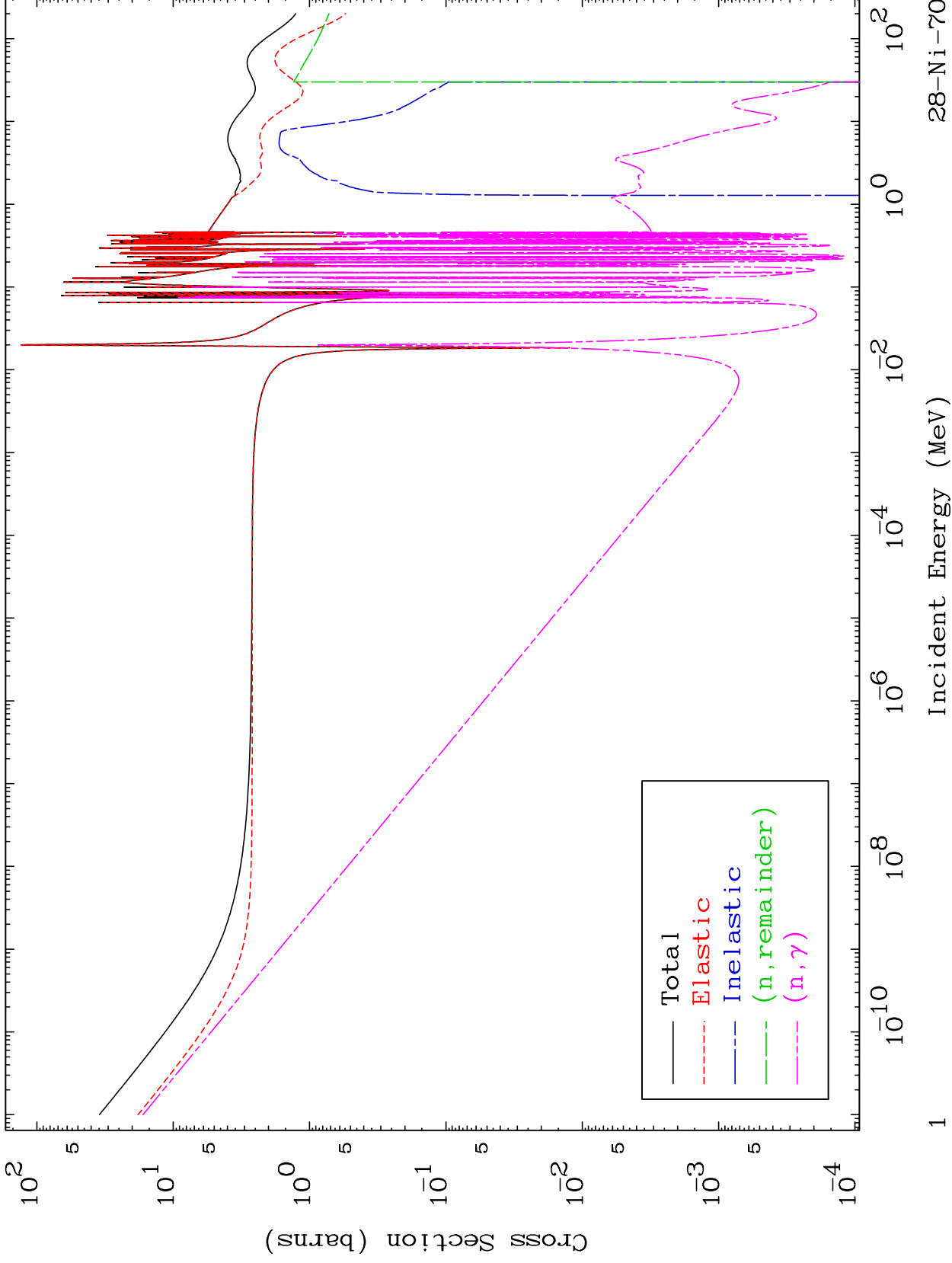
Press Mouse Button to Start

MAT 2861

Major

293 Kelvin Cross Sections

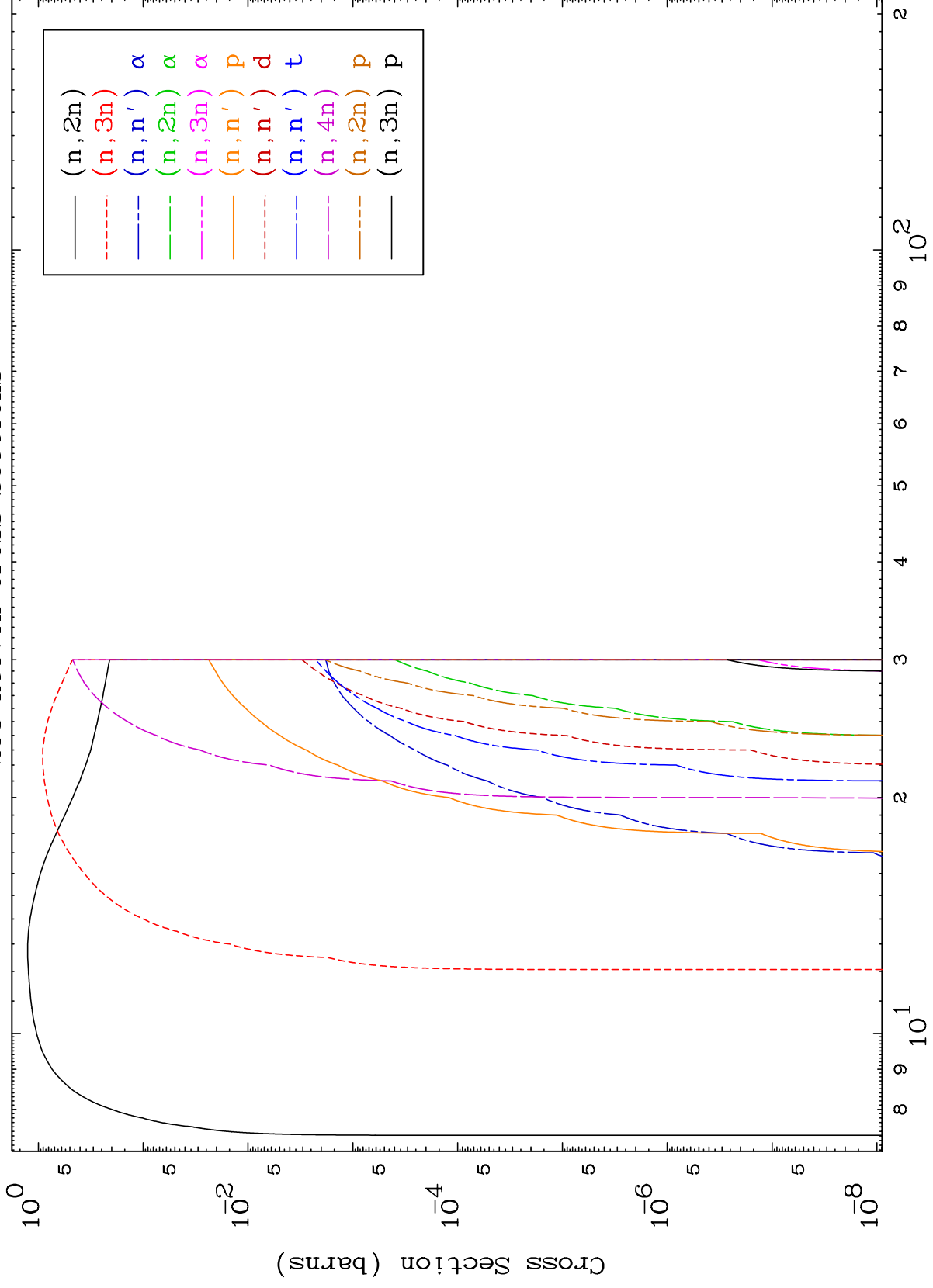
28-Ni-70



MAT 2861

Neutron Production
293 Kelvin Cross Sections

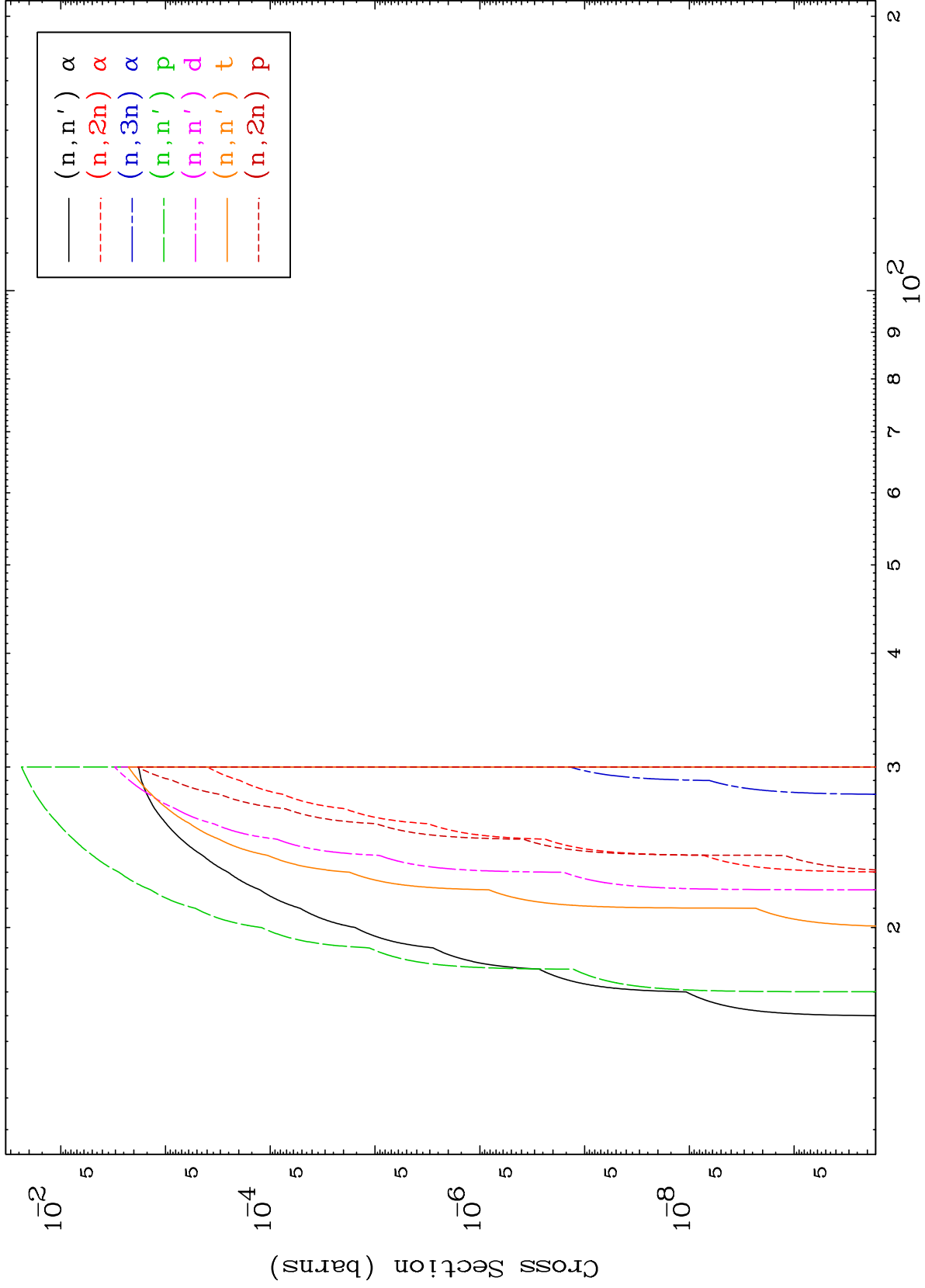
28-Ni-70

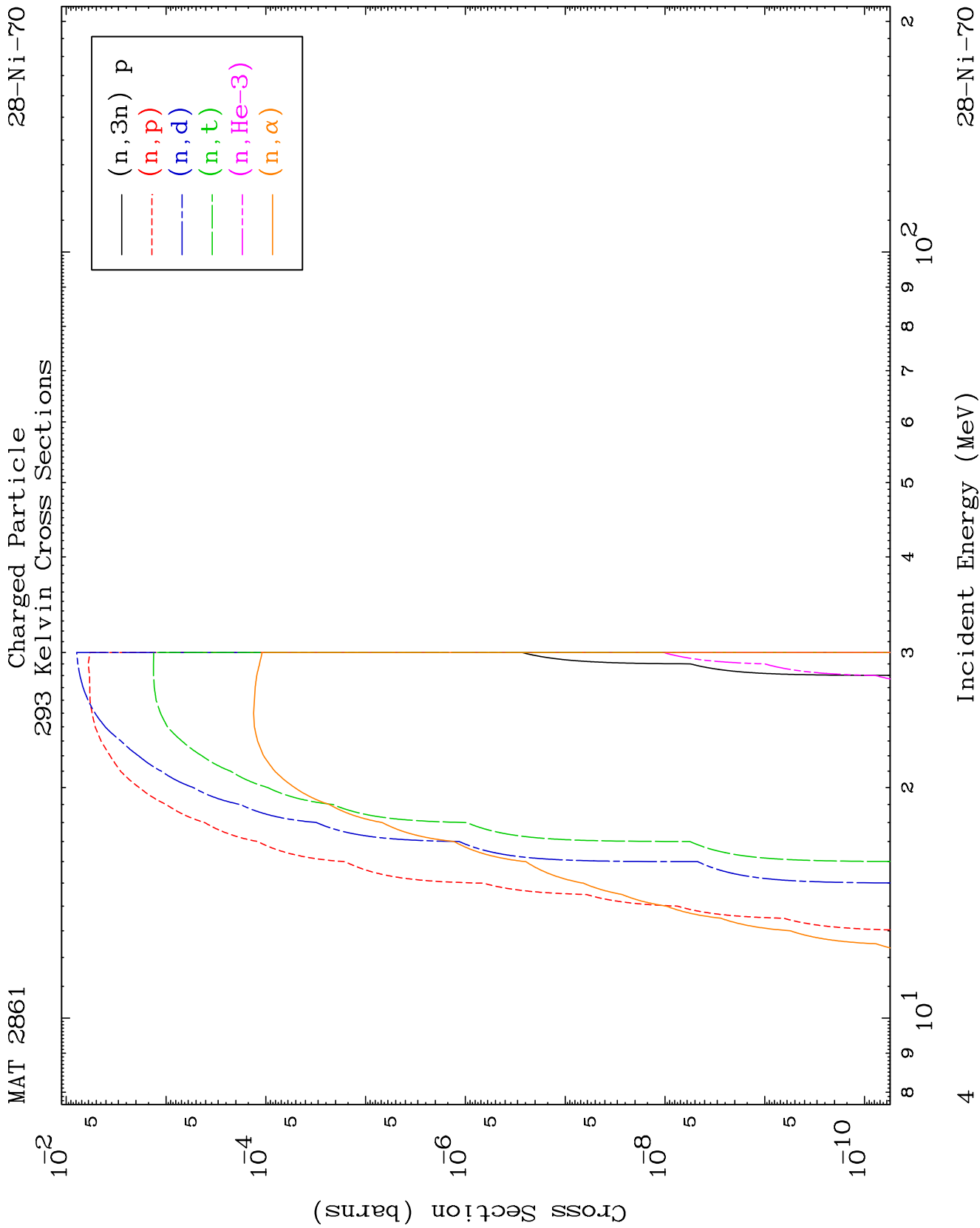


2

Incident Energy (MeV)

28-Ni-70

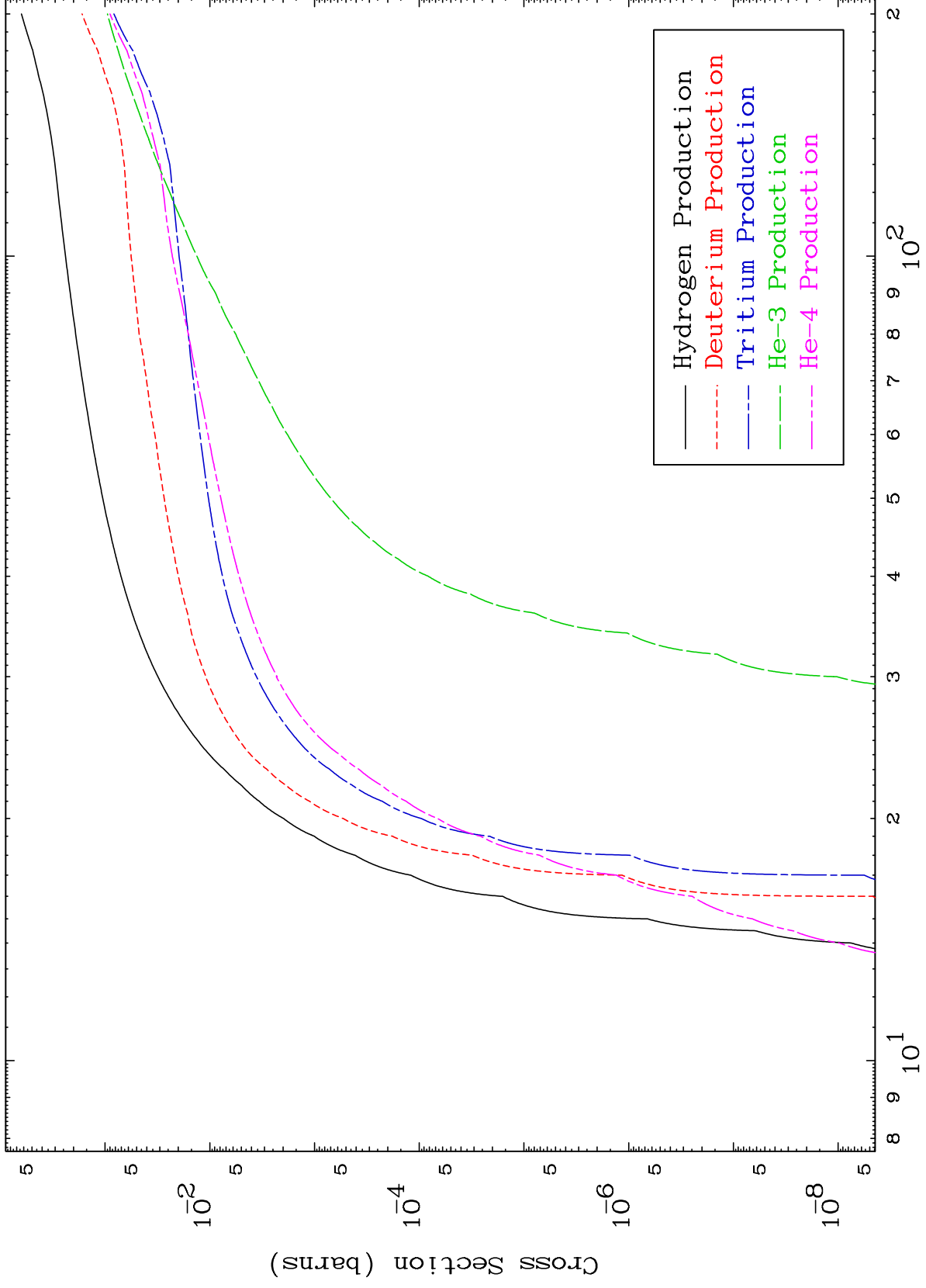




MAT 2861

Particle Production
293 Kelvin Cross Sections

28-Ni-70



5

Incident Energy (MeV)

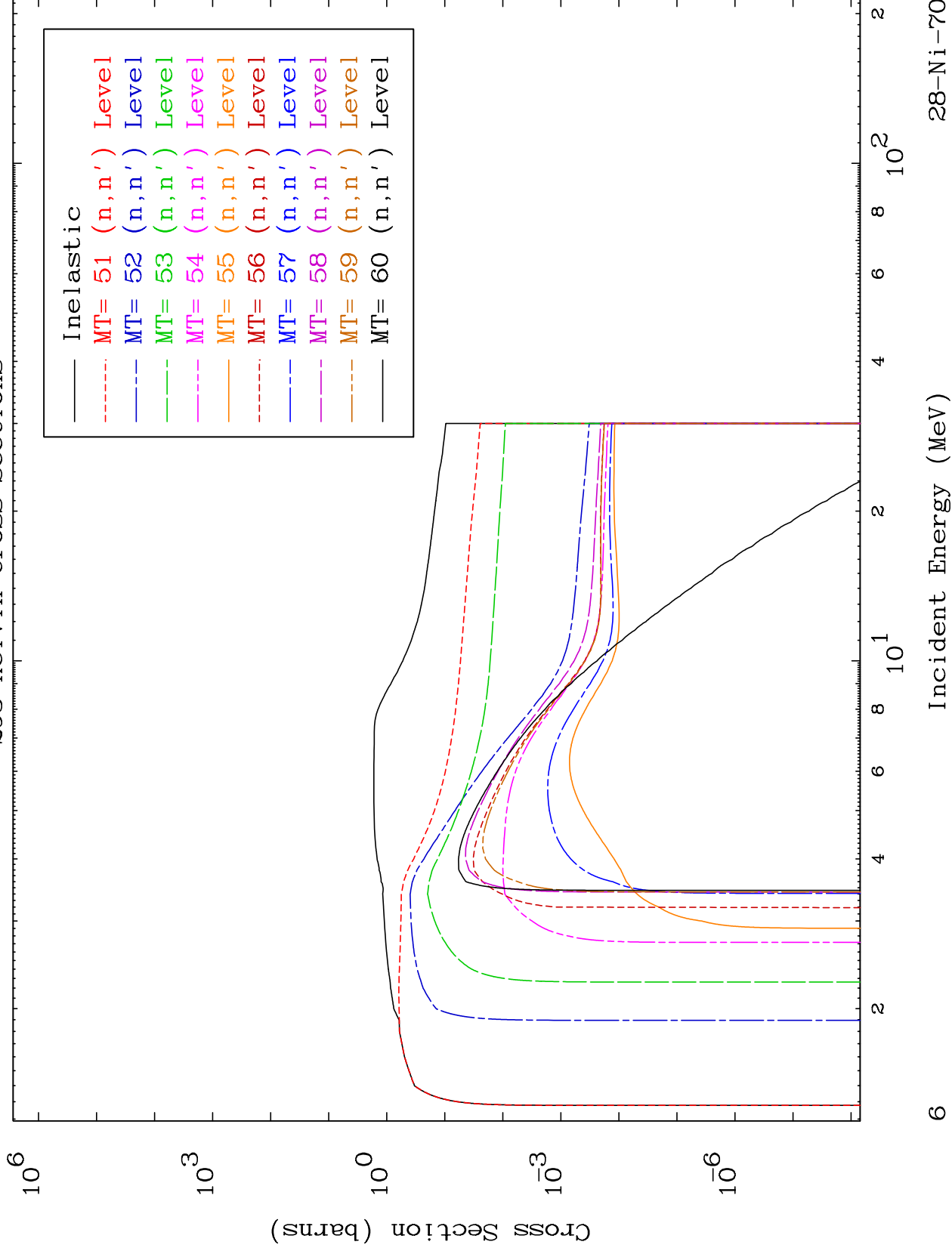
28-Ni-70

MAT 2861

(n,n') Level

28-Ni-70

293 Kelvin Cross Sections



6

Incident Energy (MeV)

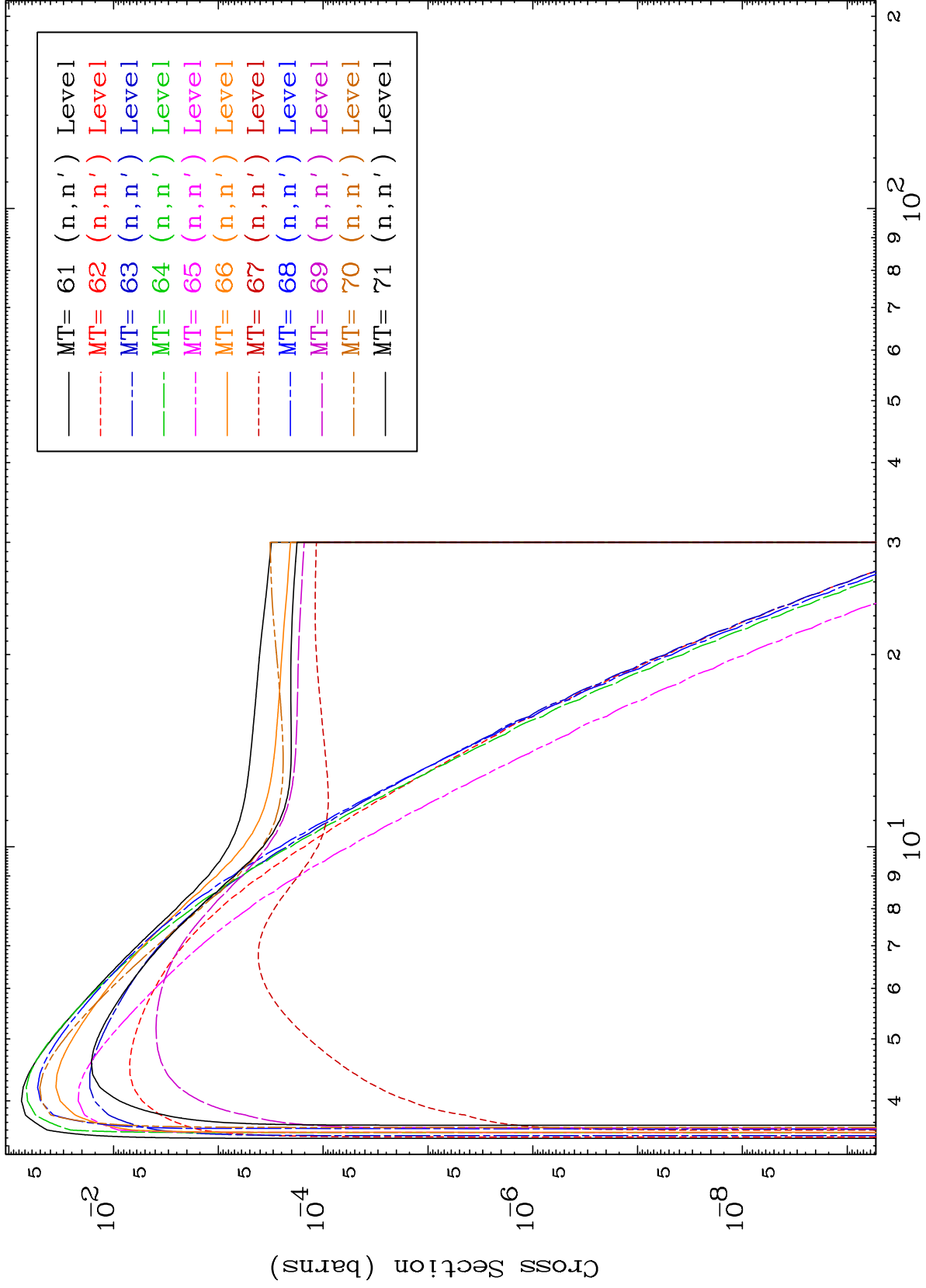
28-Ni-70

MAT 2861

(n,n') Level

28-Ni-70

293 Kelvin Cross Sections

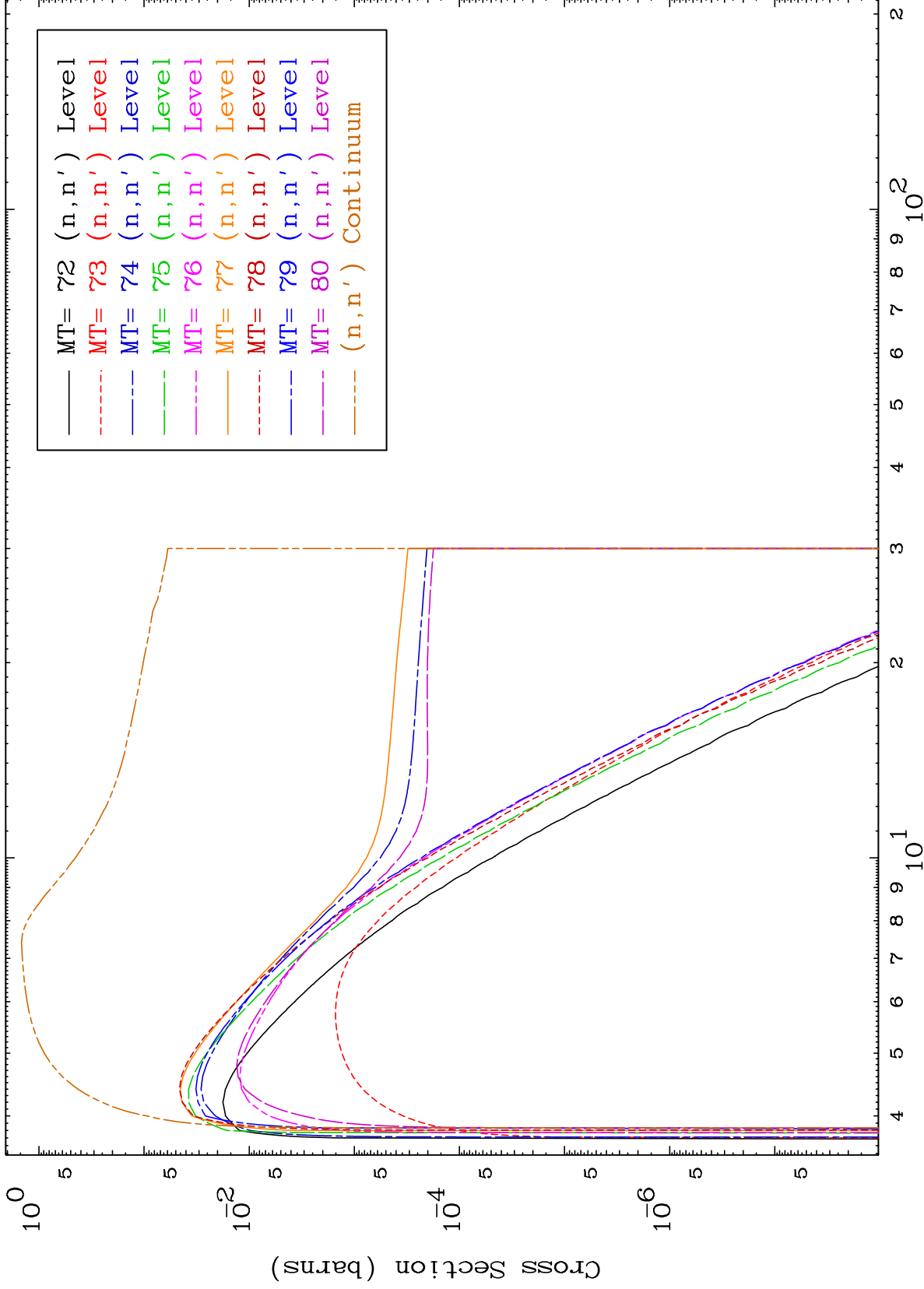


MAT 2861

(n,n') Level

293 Kelvin Cross Sections

28-Ni-70



8

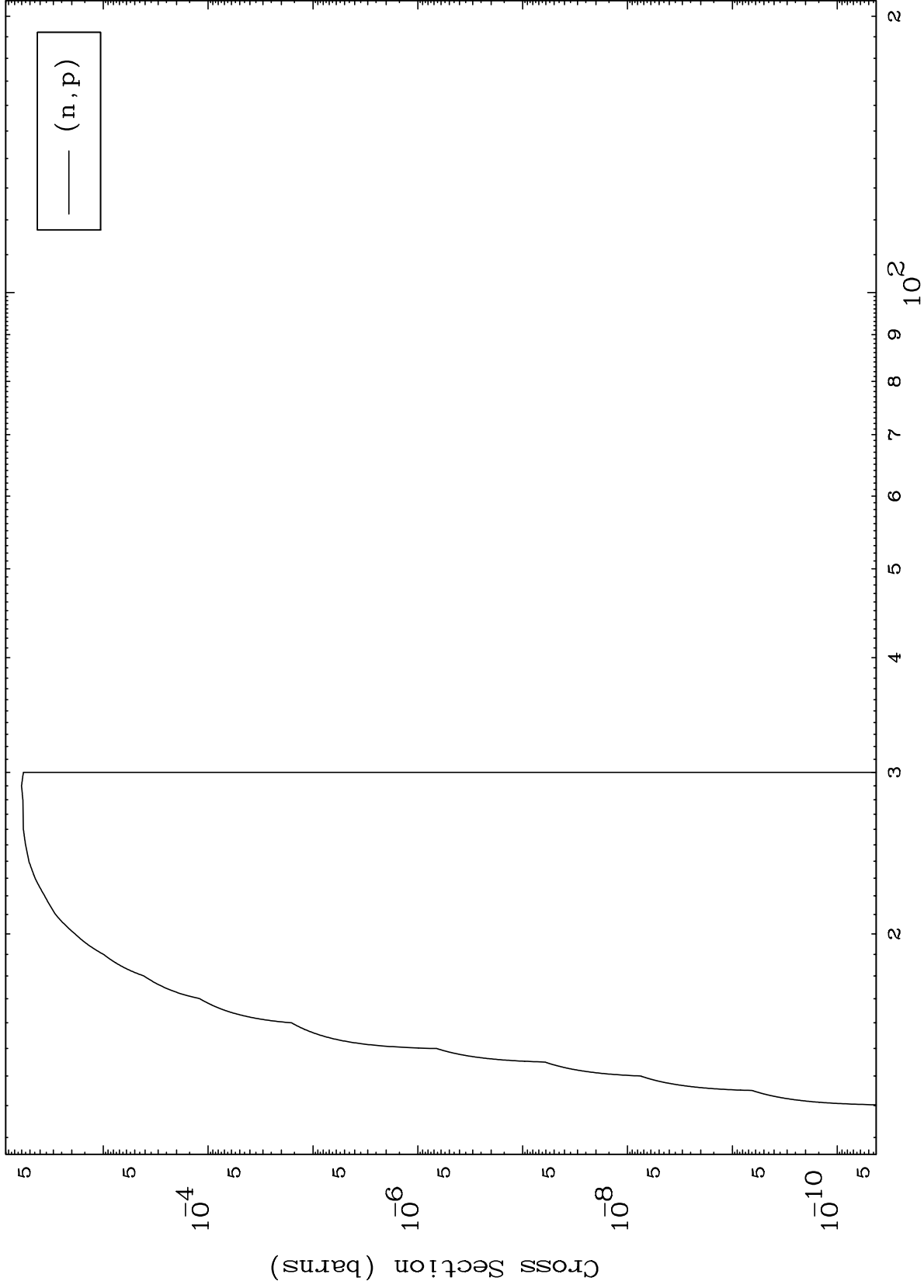
Incident Energy (MeV)

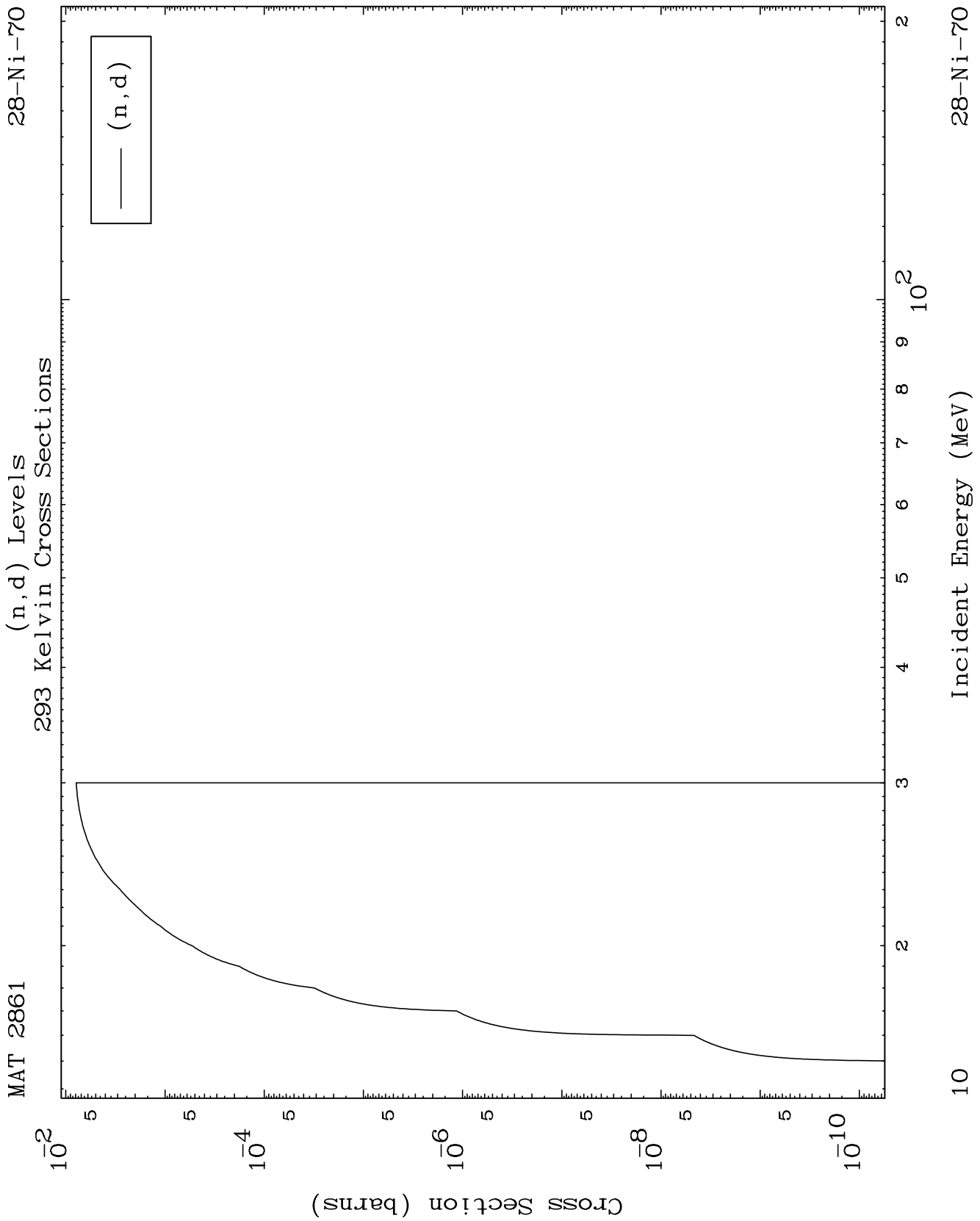
28-Ni-70

MAT 2861

(n,p) Levels
293 Kelvin Cross Sections

28-Ni-70

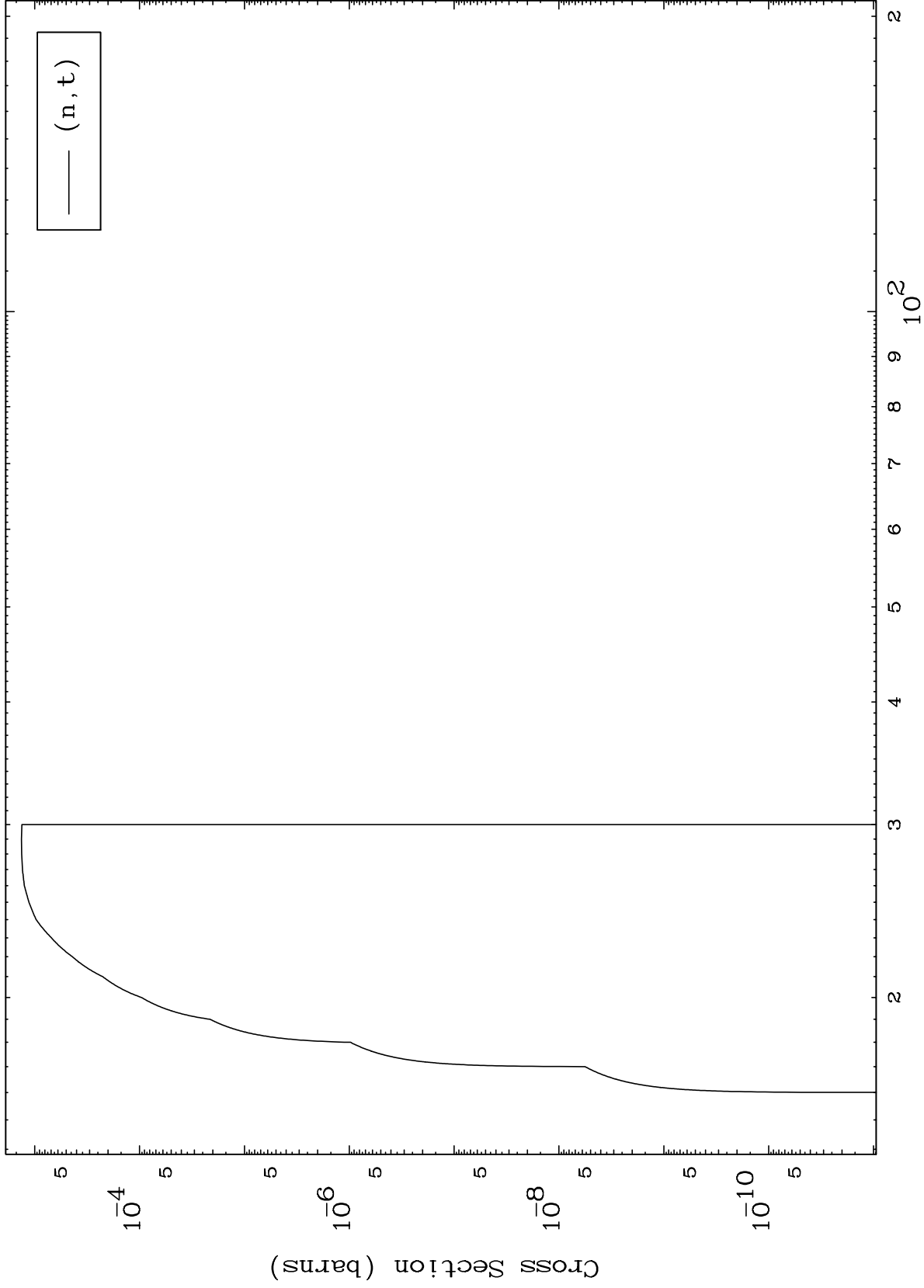




MAT 2861

(n,t) Levels
293 Kelvin Cross Sections

28-Ni-70



11

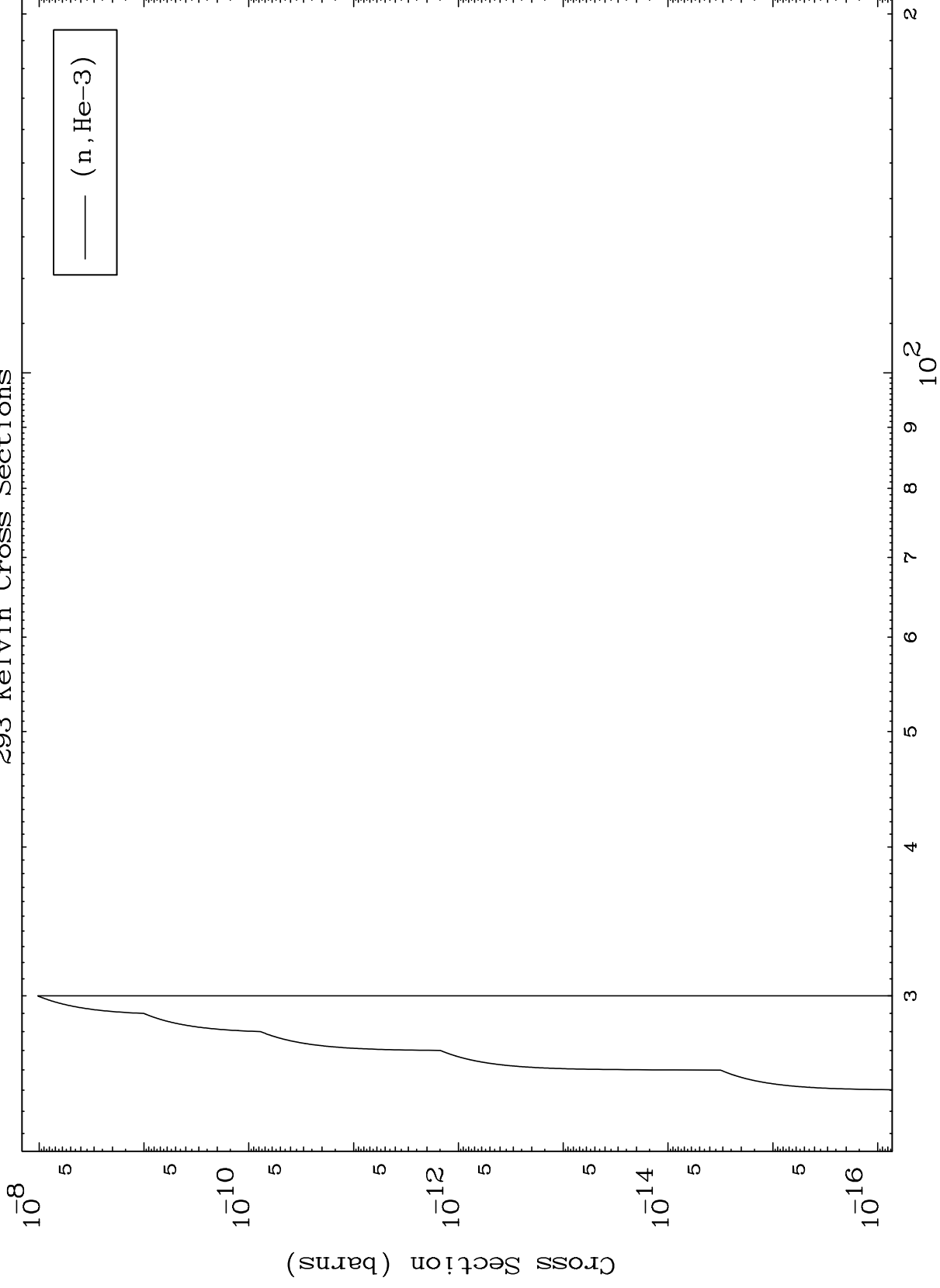
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,He3) Levels
293 Kelvin Cross Sections

28-Ni-70



12

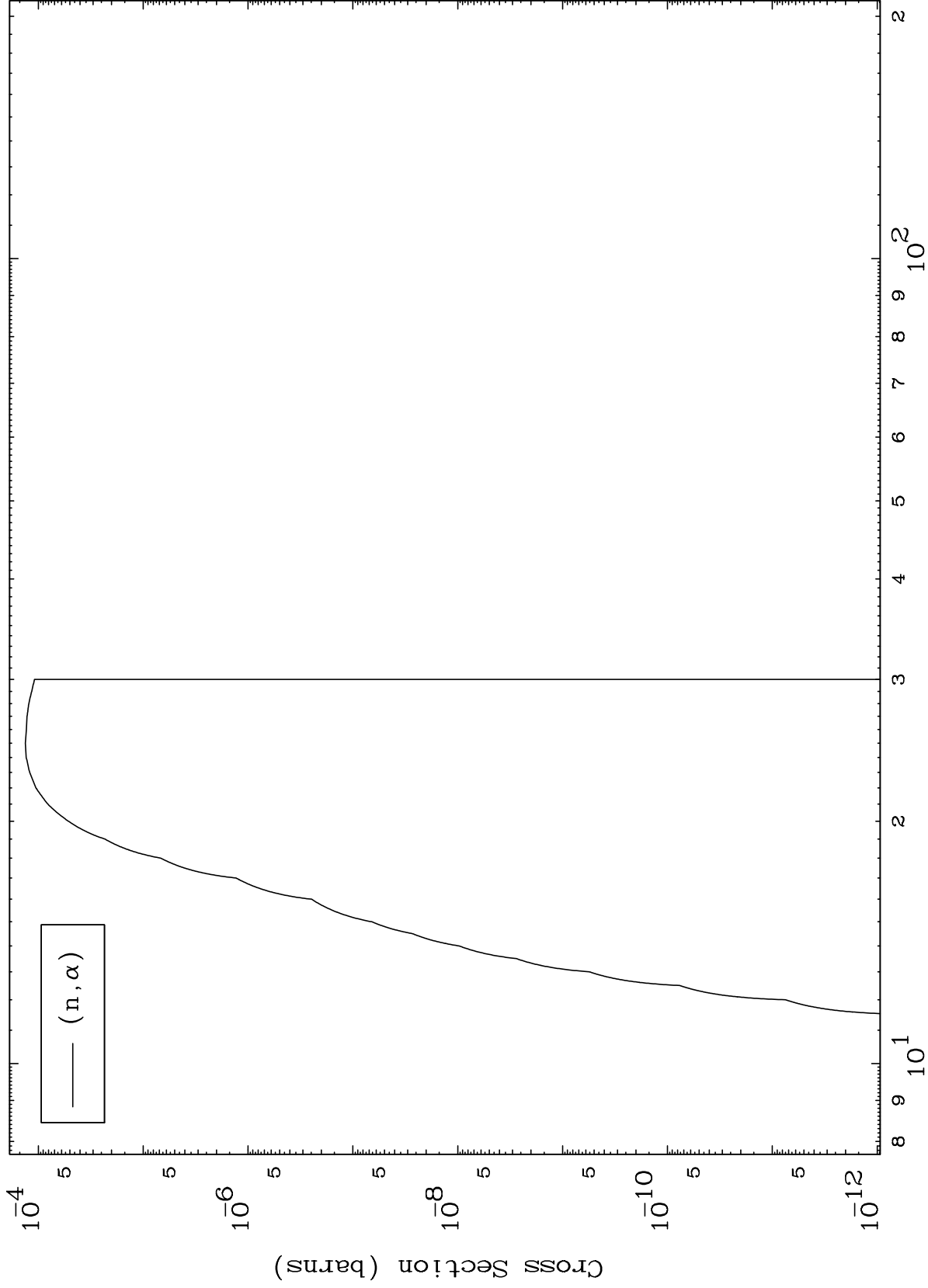
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n, α) Levels
293 Kelvin Cross Sections

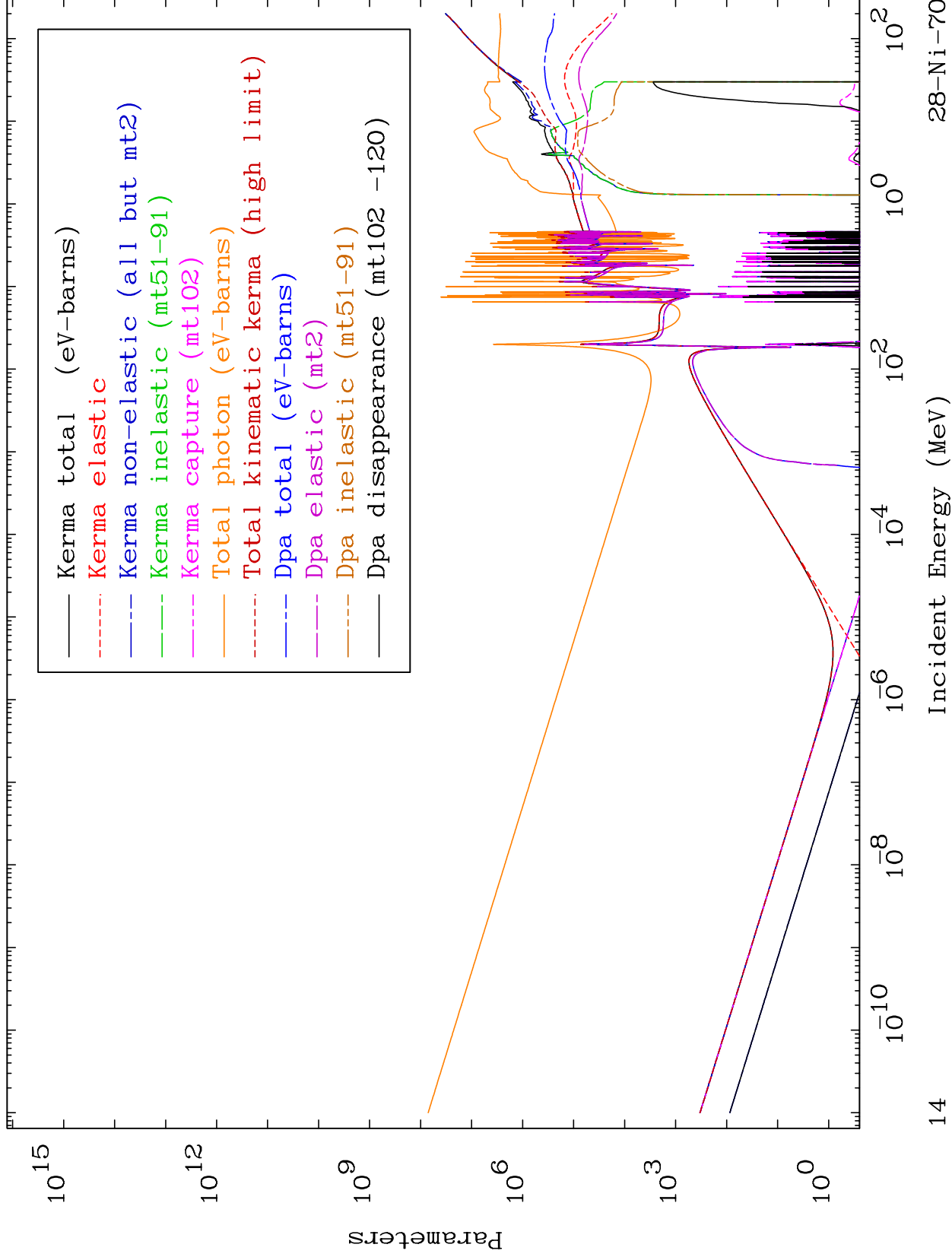
28-Ni-70

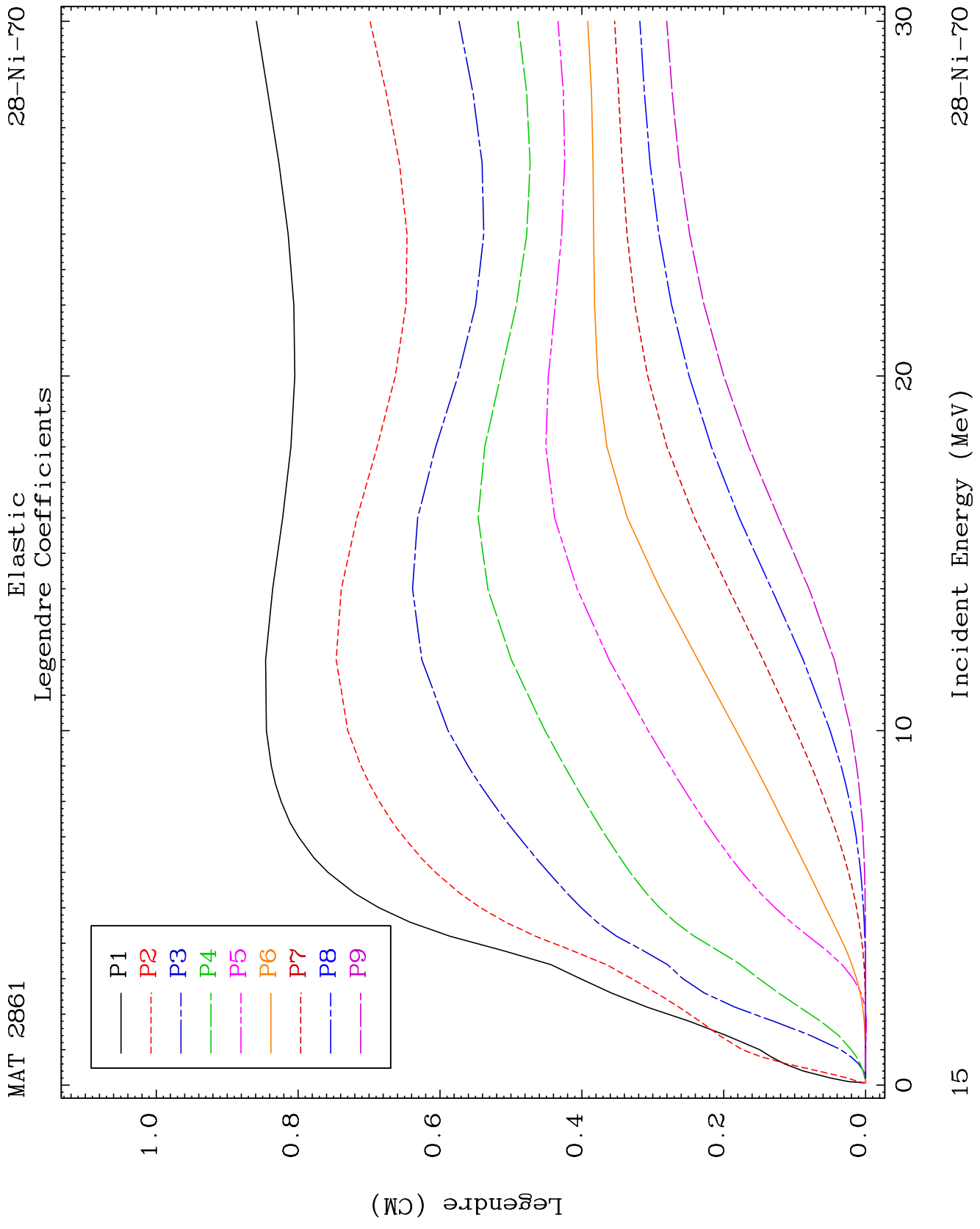


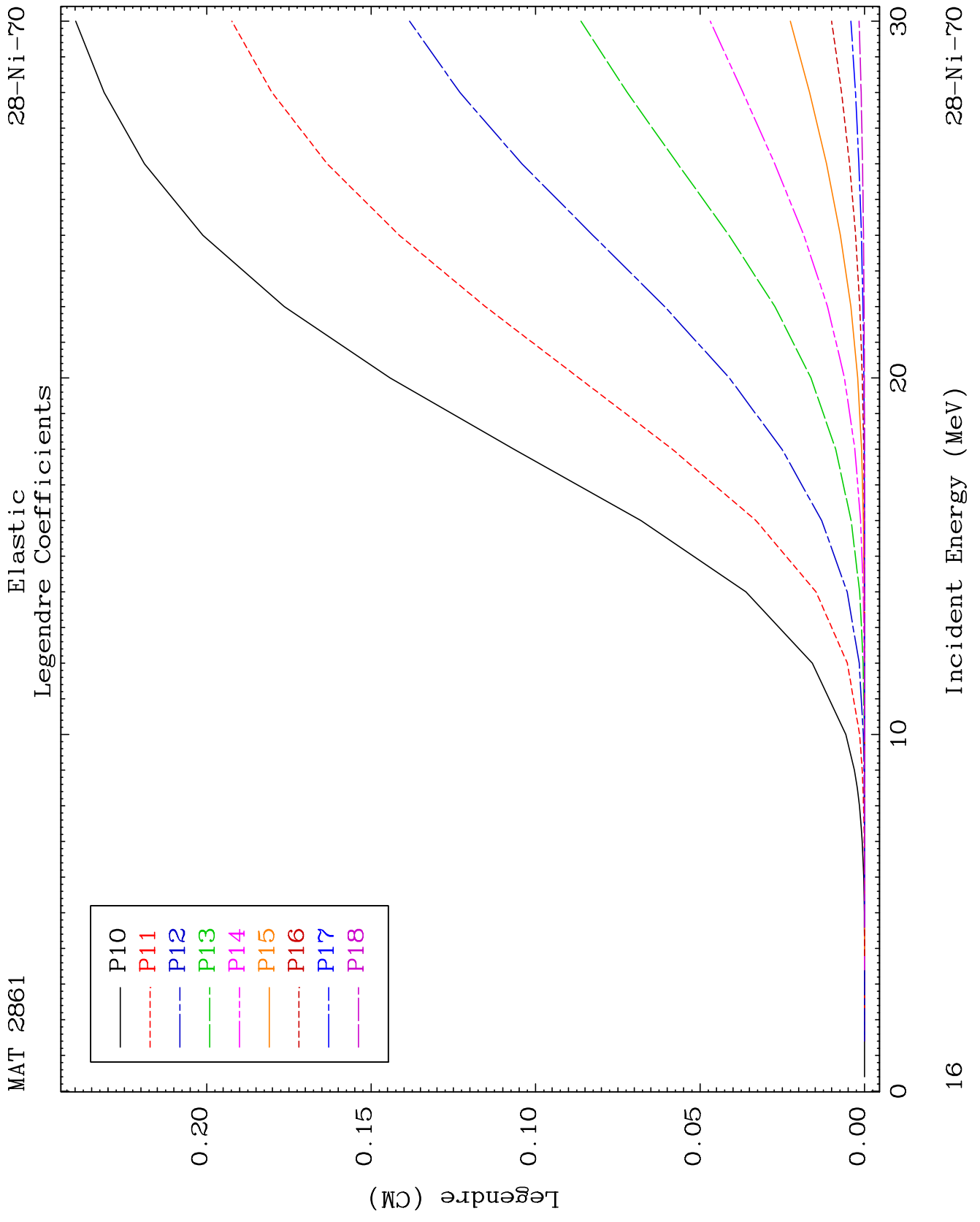
13

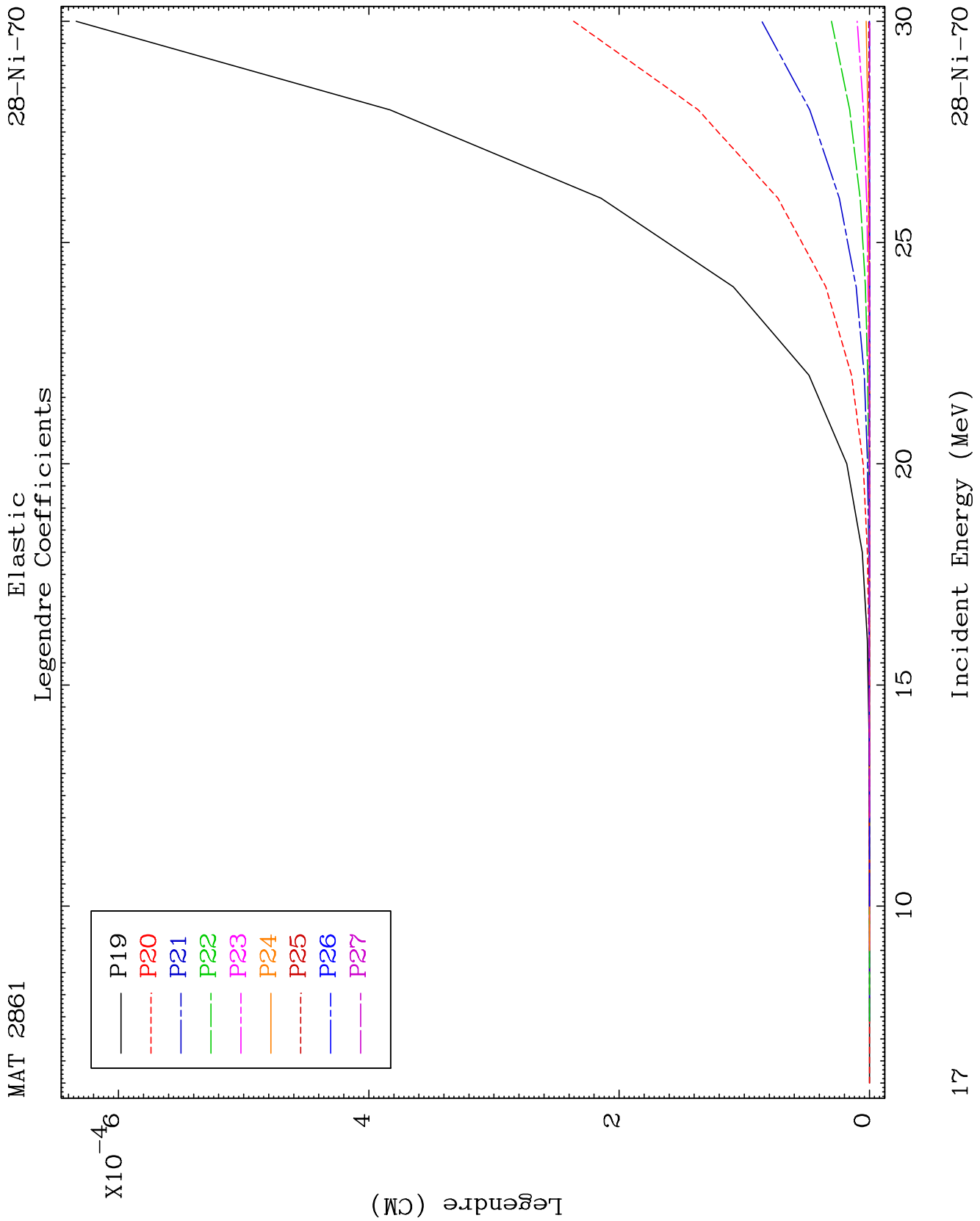
Incident Energy (MeV)

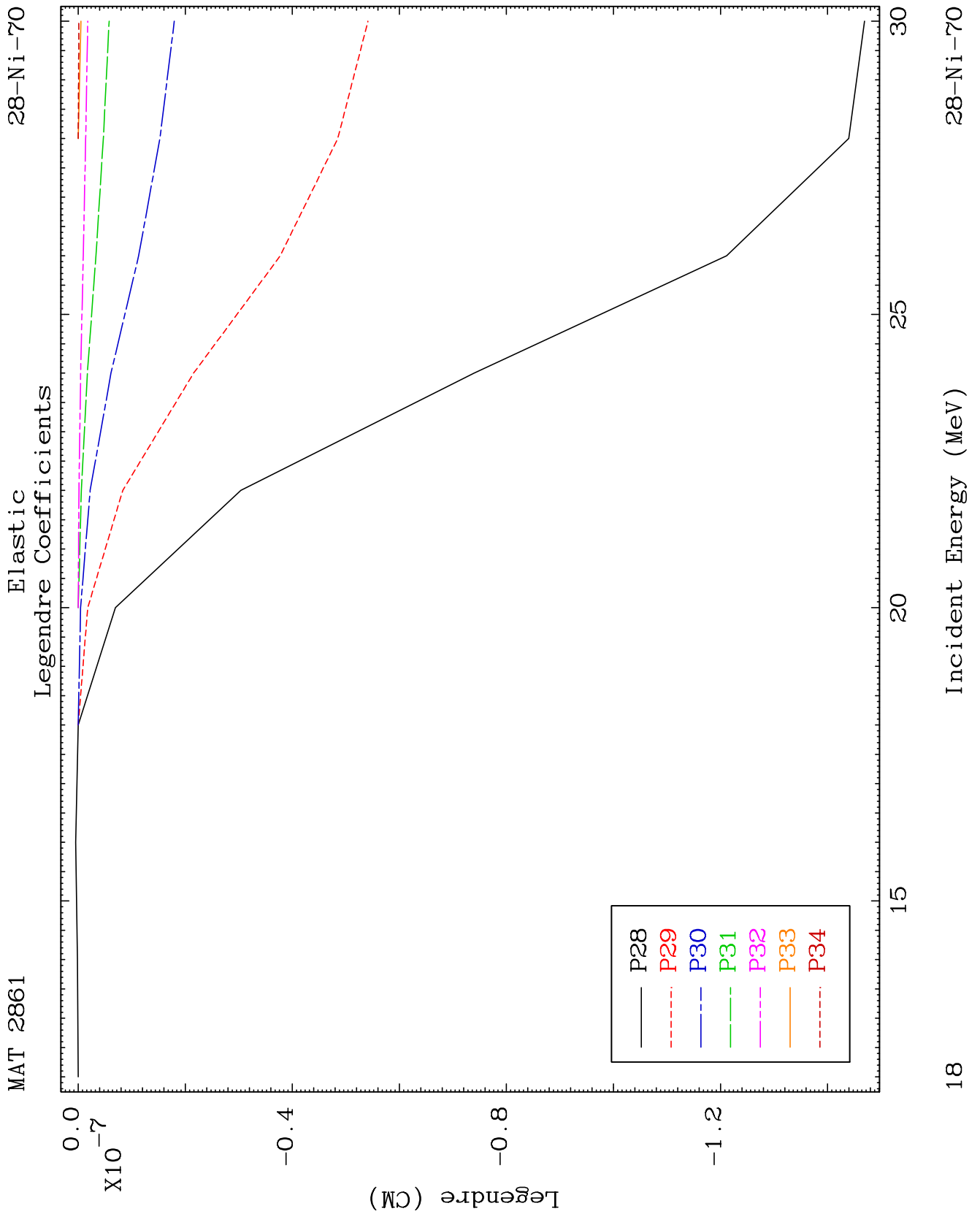
28-Ni-70







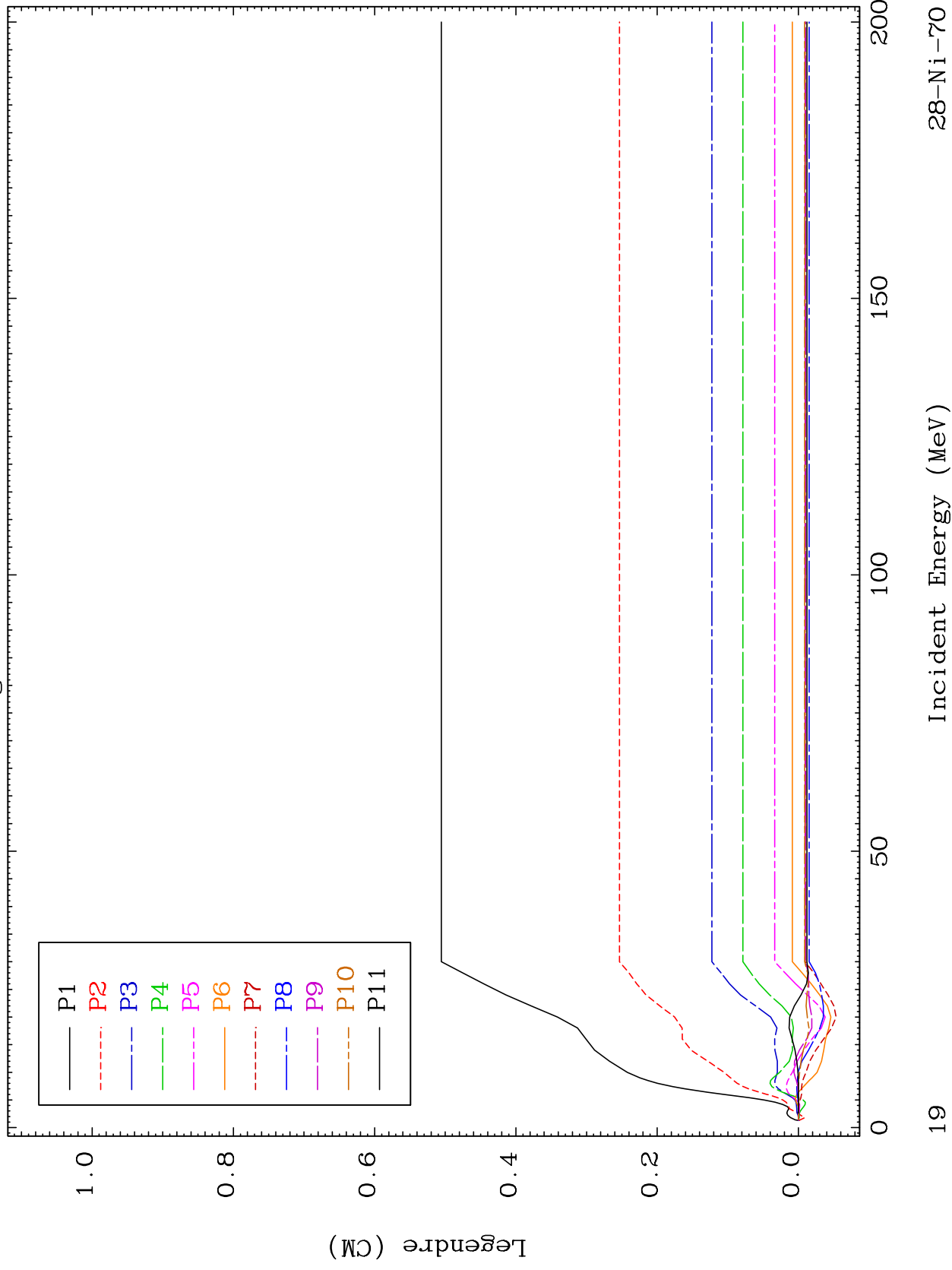




MAT 2861

MT= 51 (n,n') Level
Legendre Coefficients

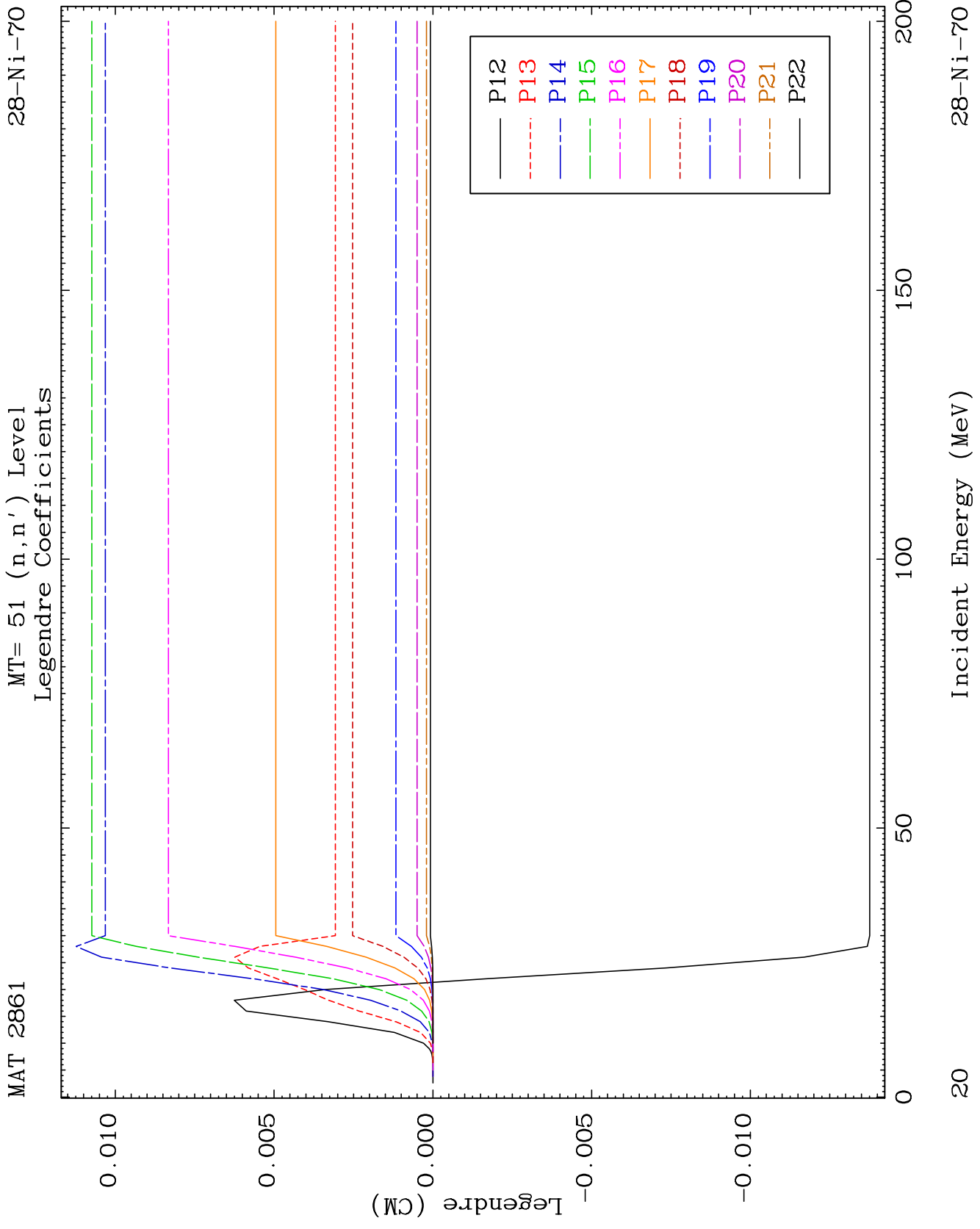
28-Ni-70

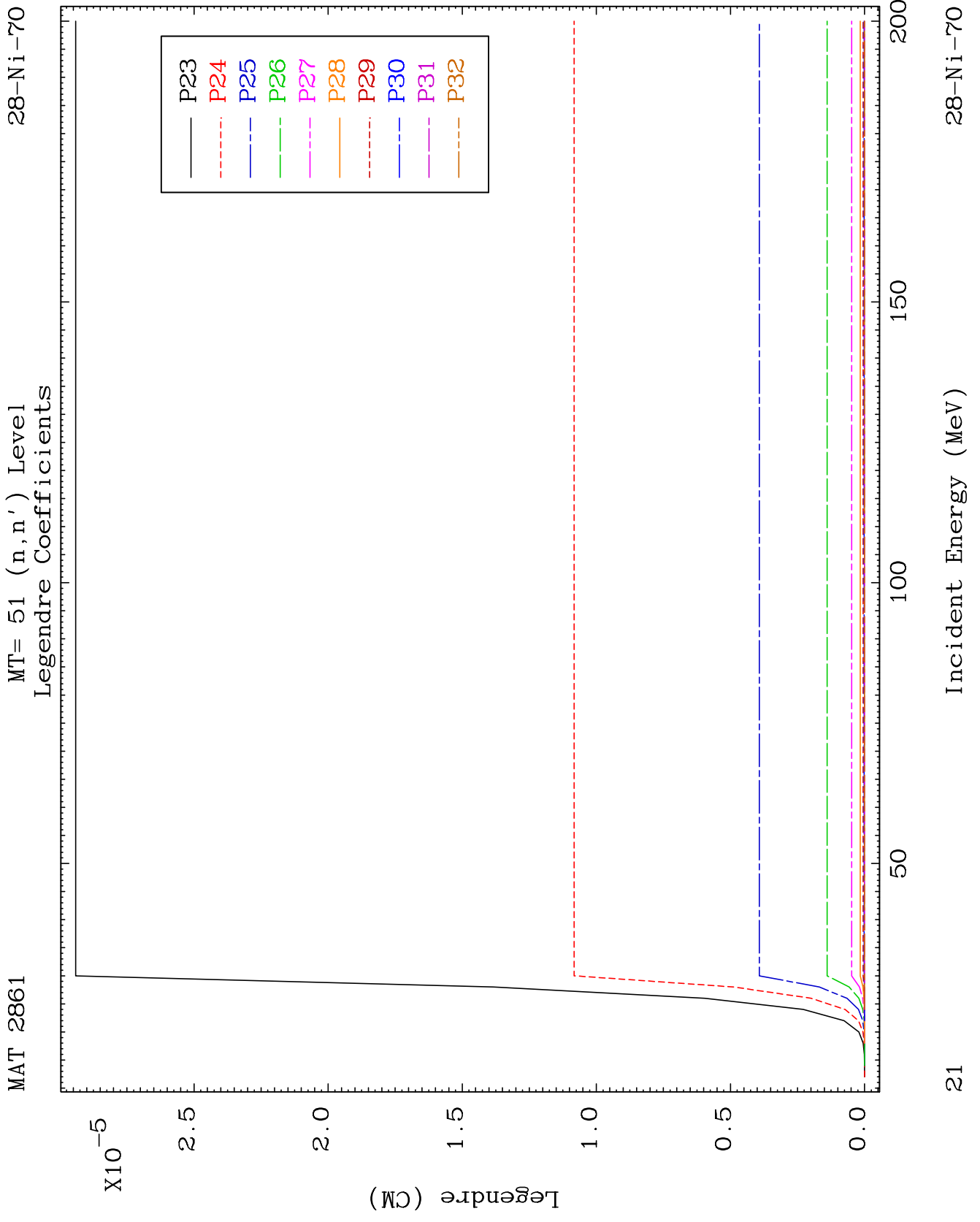


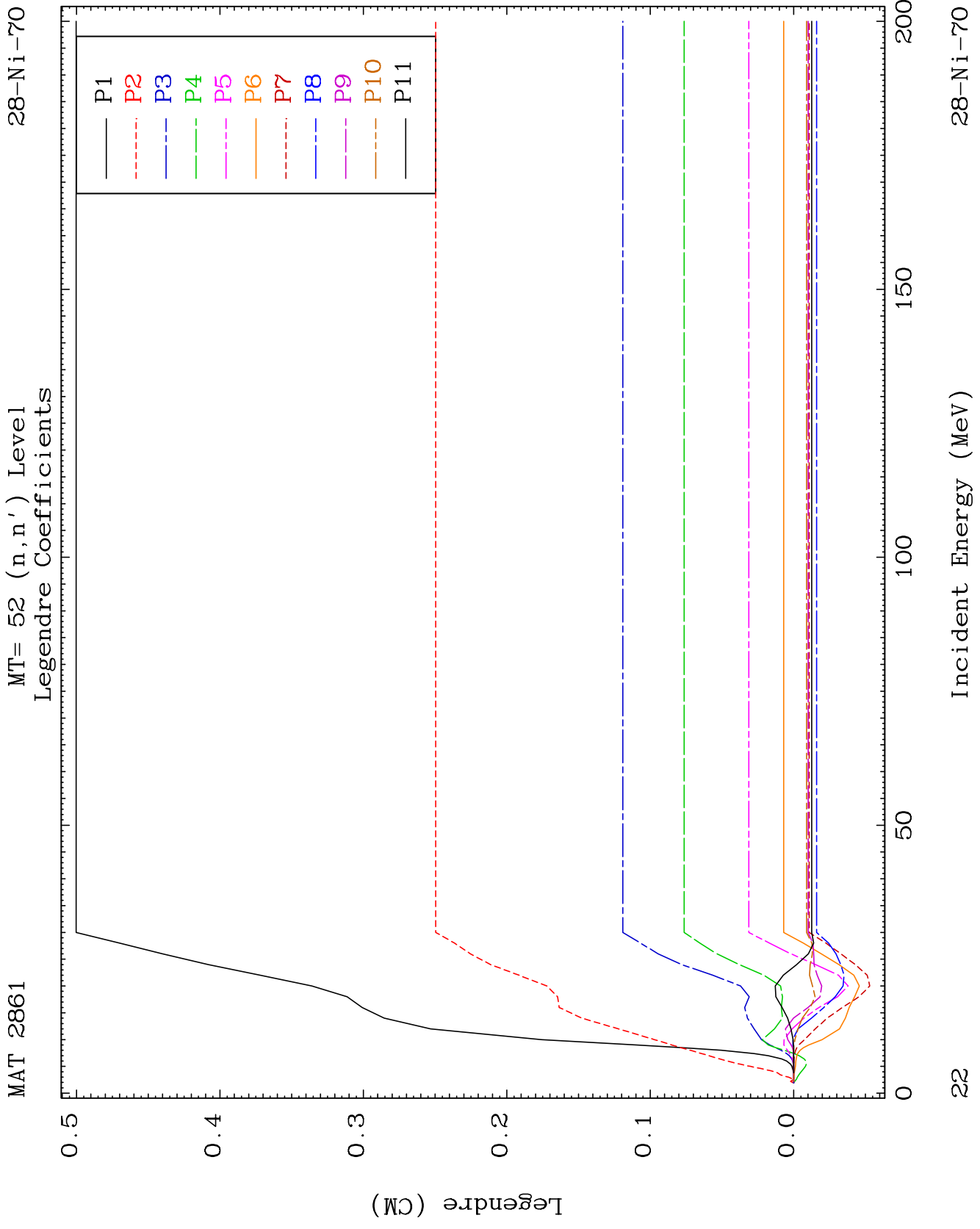
19

Incident Energy (MeV)

28-Ni-70



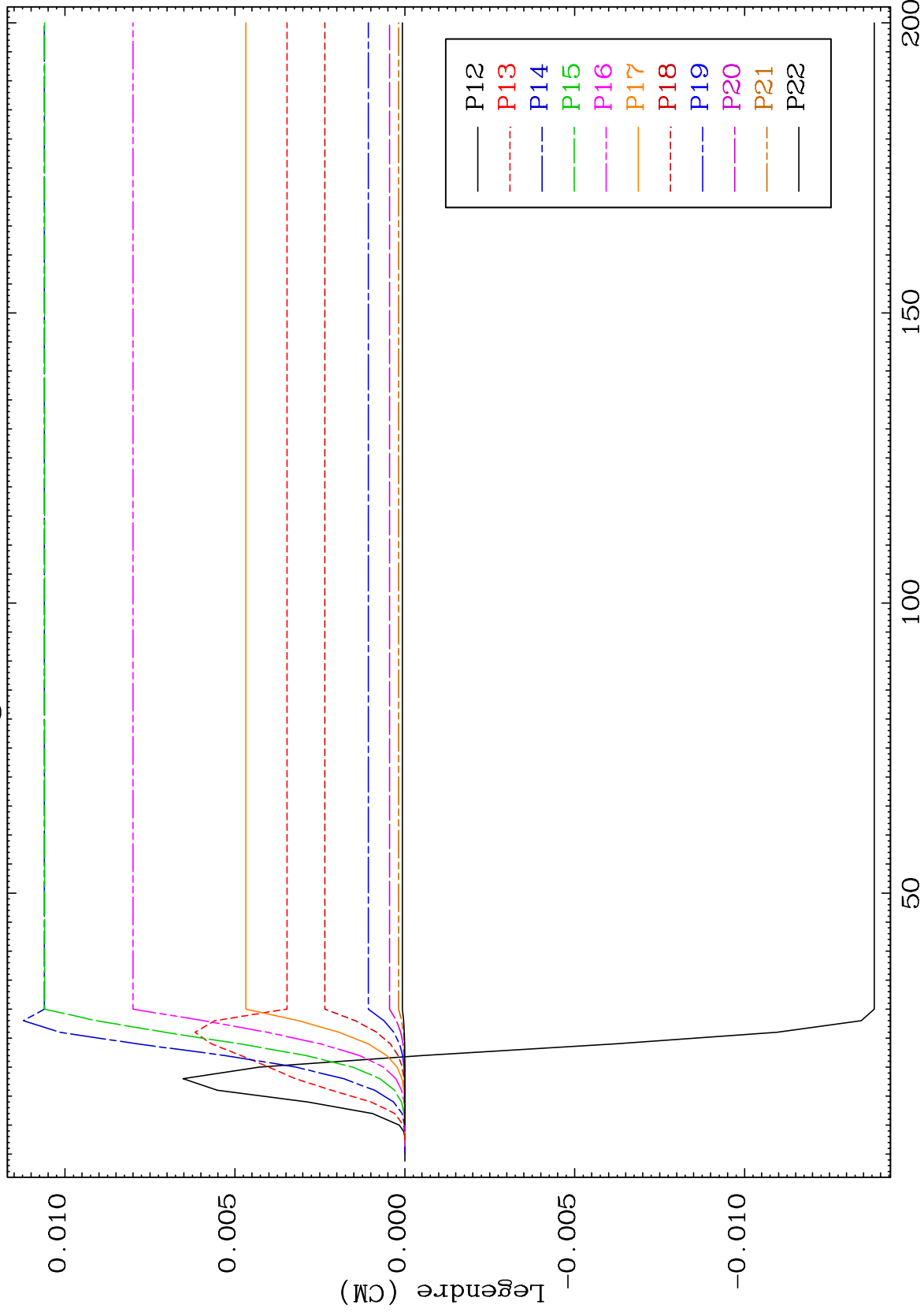




MAT 2861

MT= 52 (n,n') Level
Legendre Coefficients

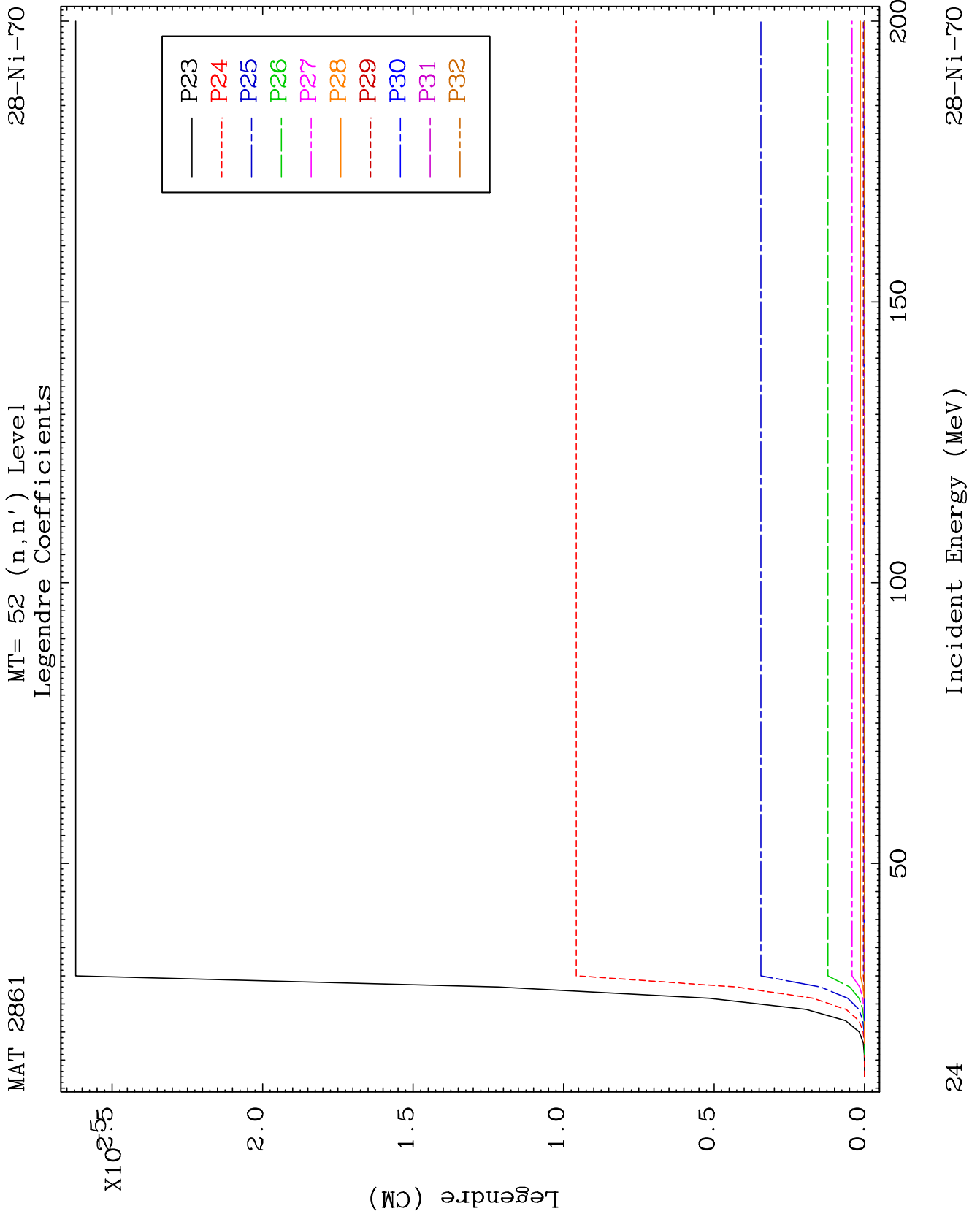
28-Ni-70

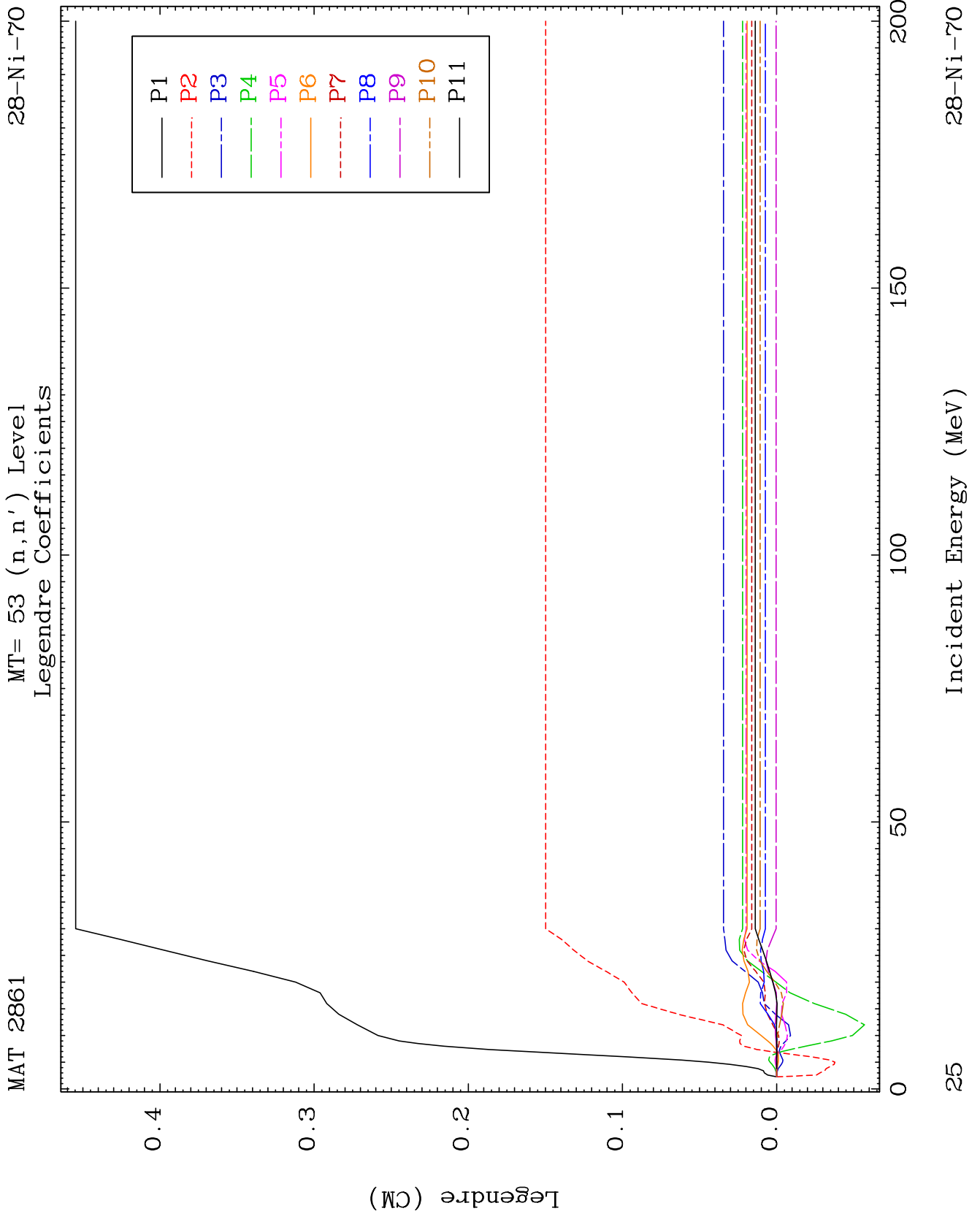


23

Incident Energy (MeV)

28-Ni-70

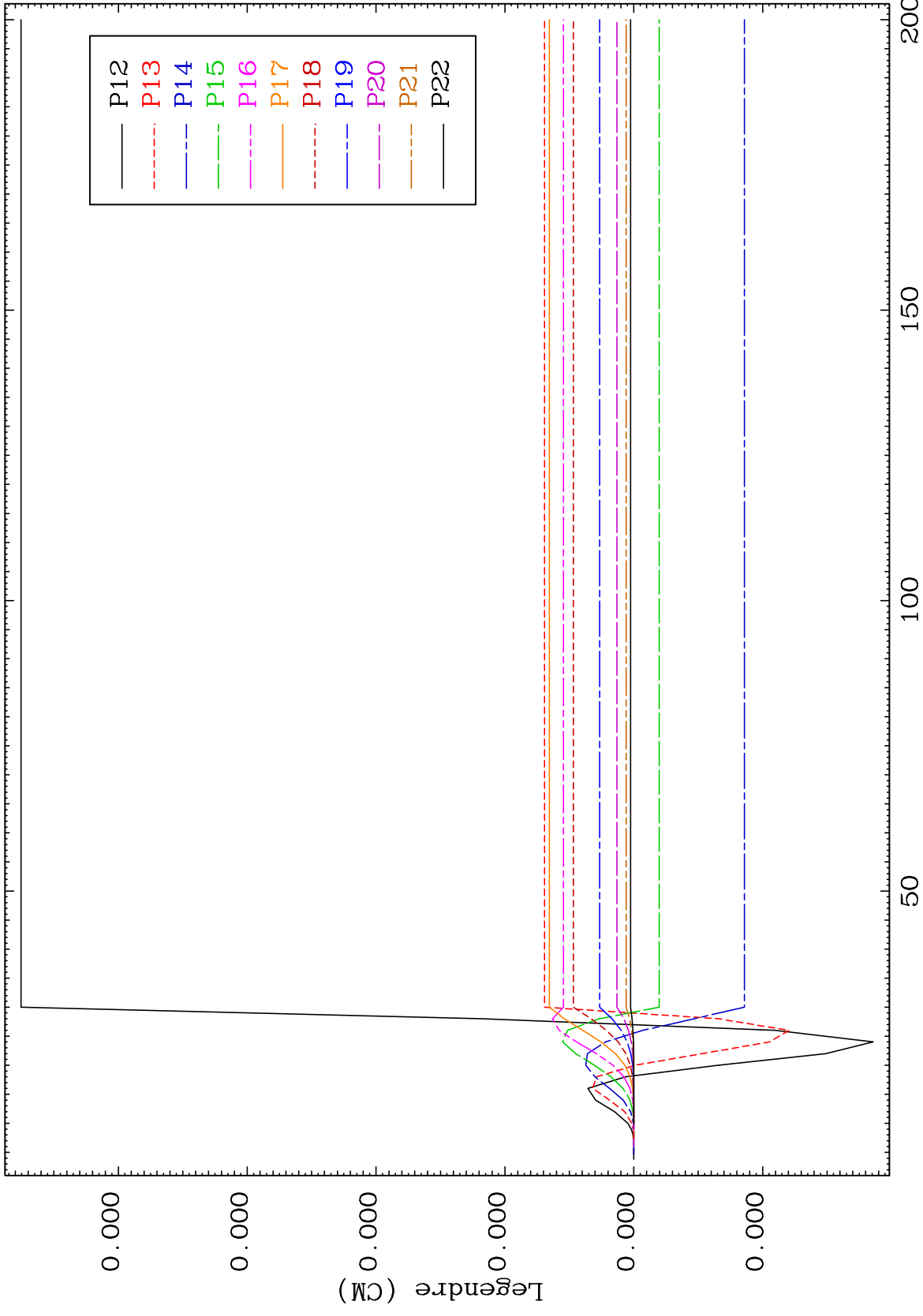




MAT 2861

MT= 53 (n,n') Level
Legendre Coefficients

28-Ni-70



26

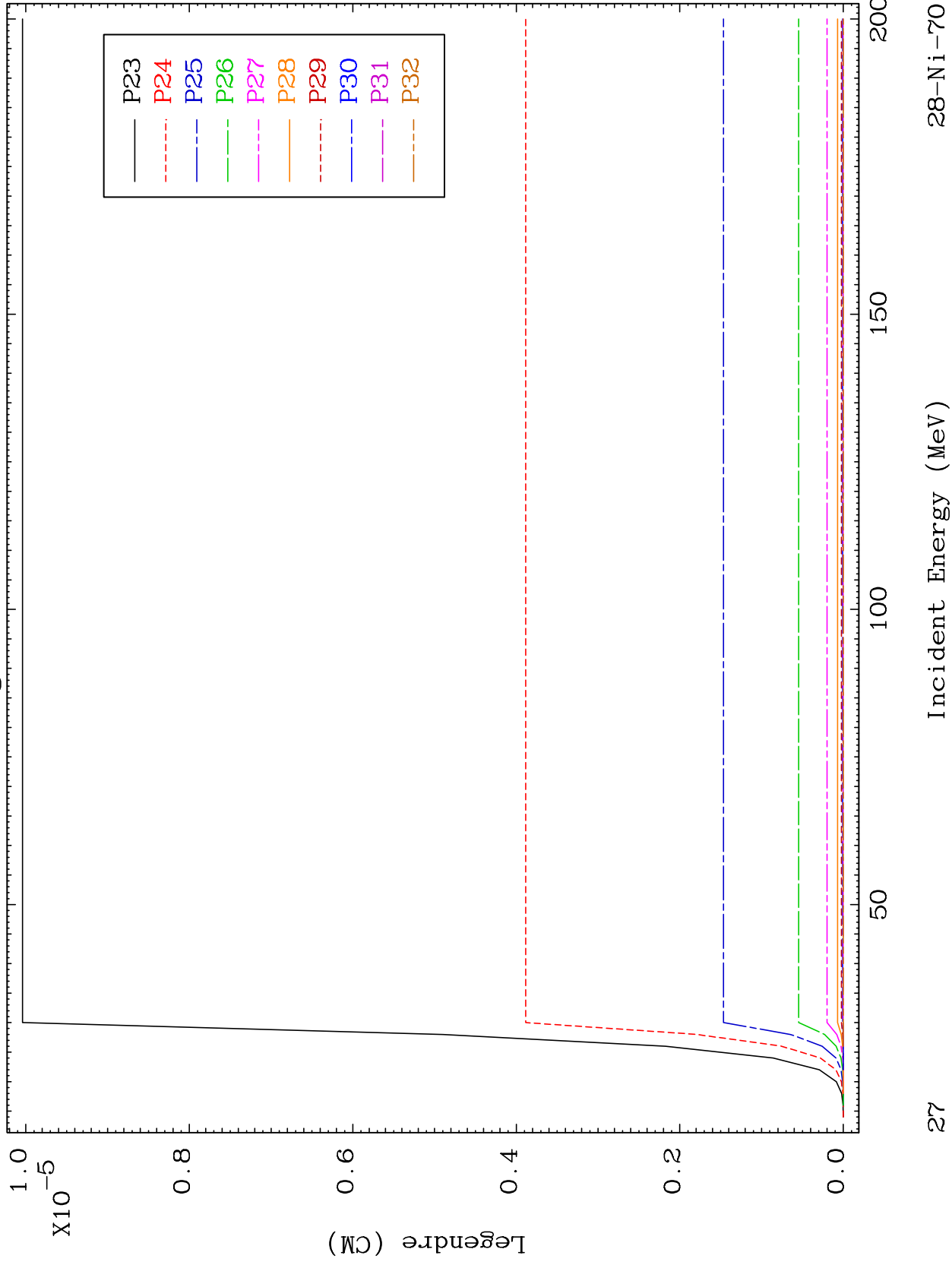
Incident Energy (MeV)

28-Ni-70

MAT 2861

MT= 53 (n,n') Level
Legendre Coefficients

28-Ni-70

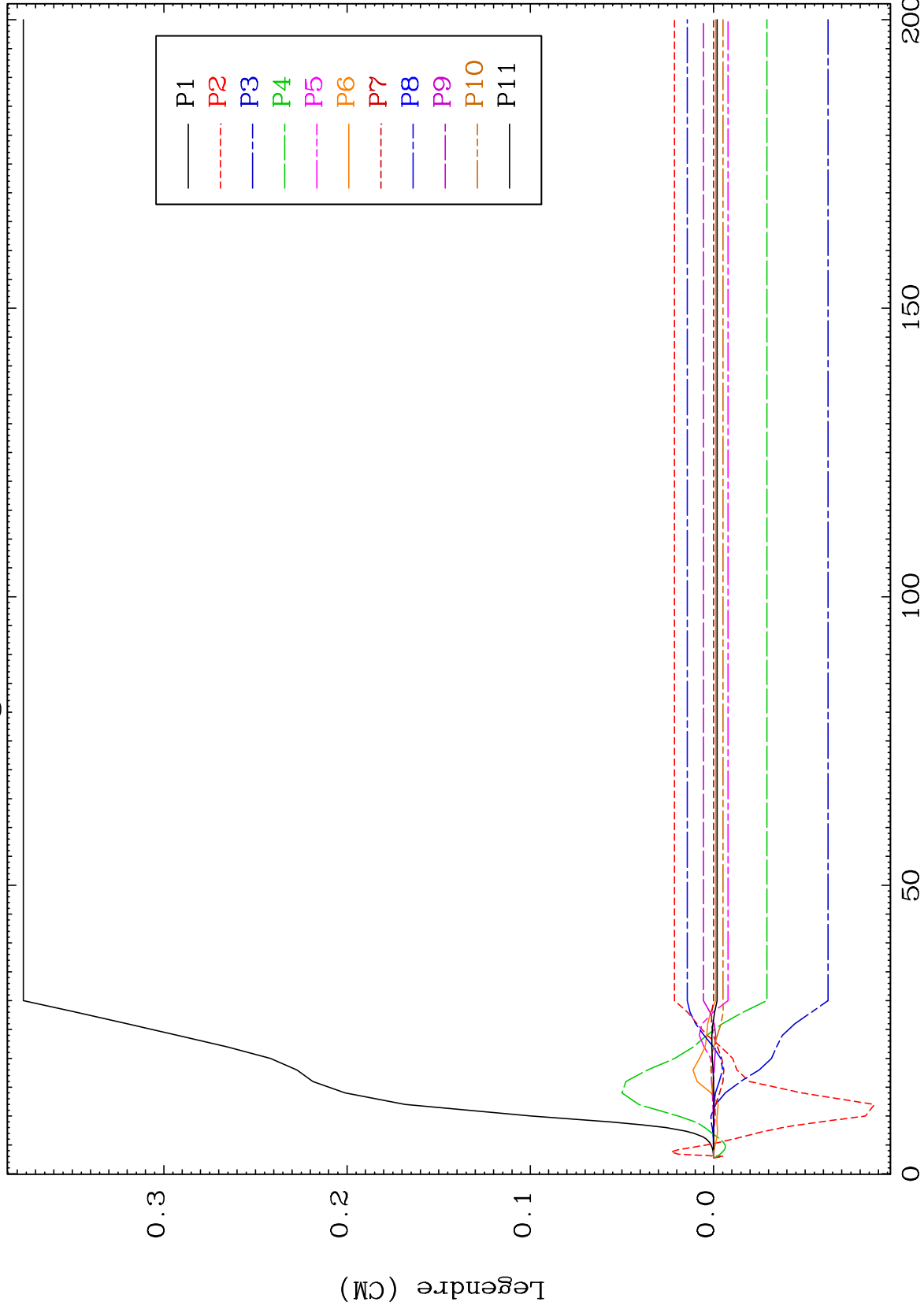


27

MAT 2861

MT= 54 (n,n') Level
Legendre Coefficients

28-Ni-70



28

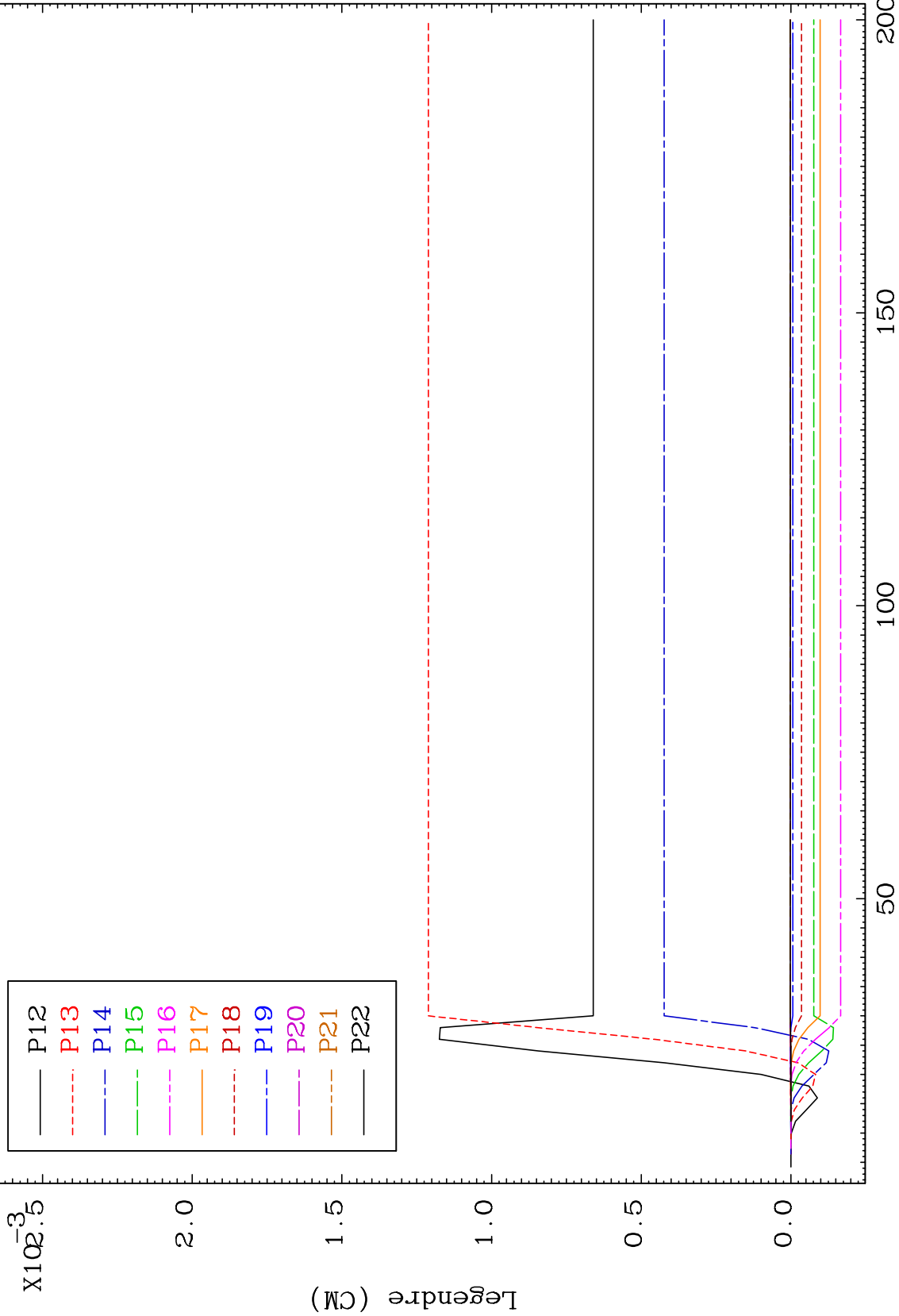
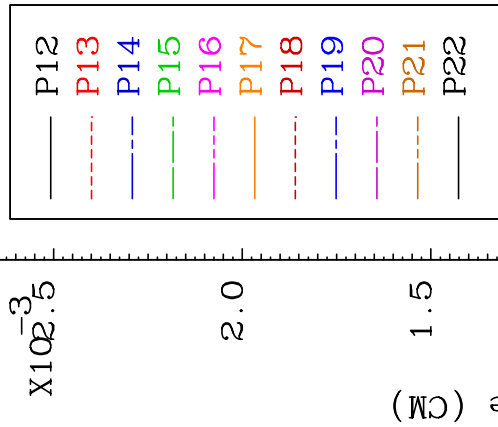
Incident Energy (MeV)

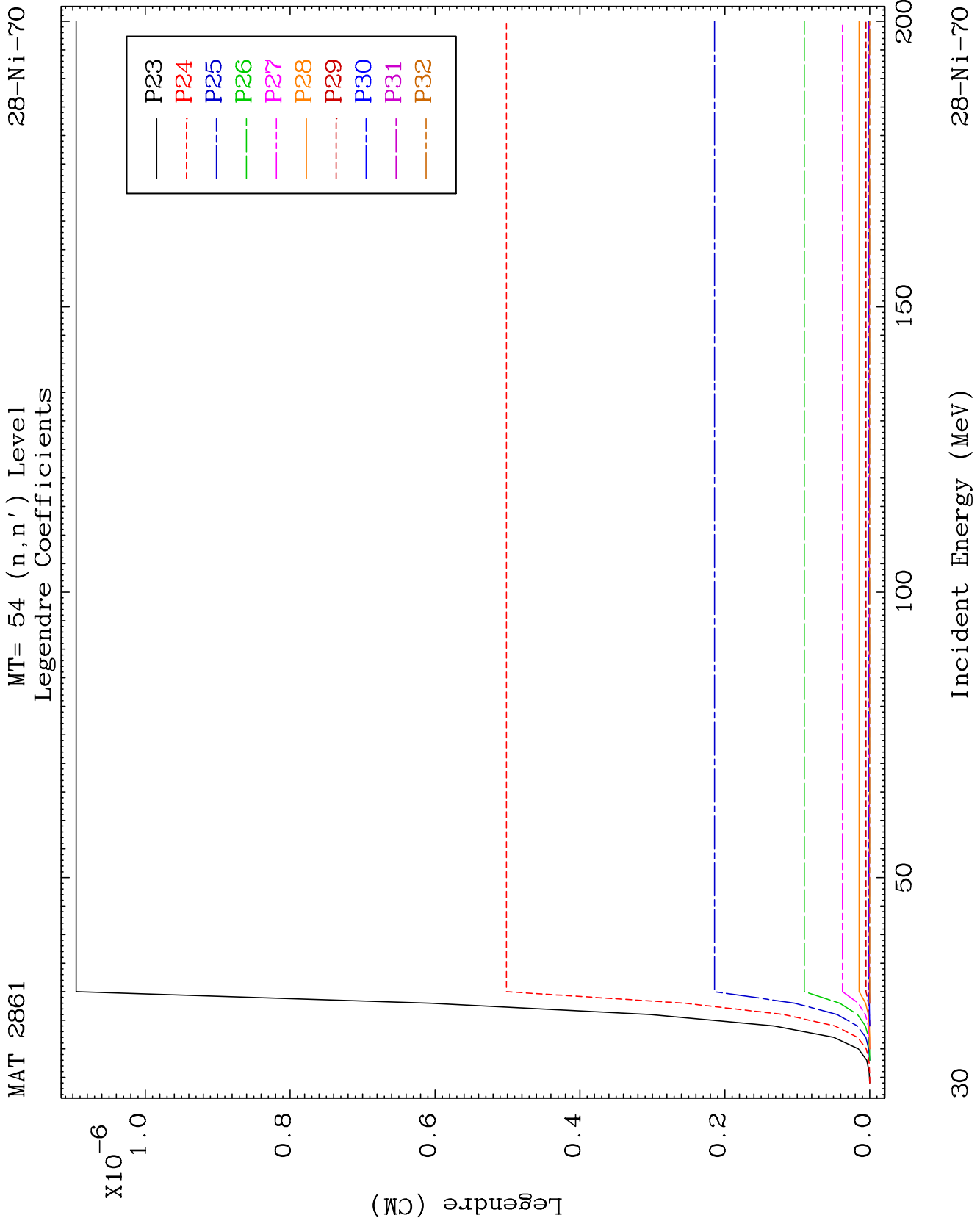
28-Ni-70

MAT 2861

MT= 54 (n,n') Level
Legendre Coefficients

28-Ni-70

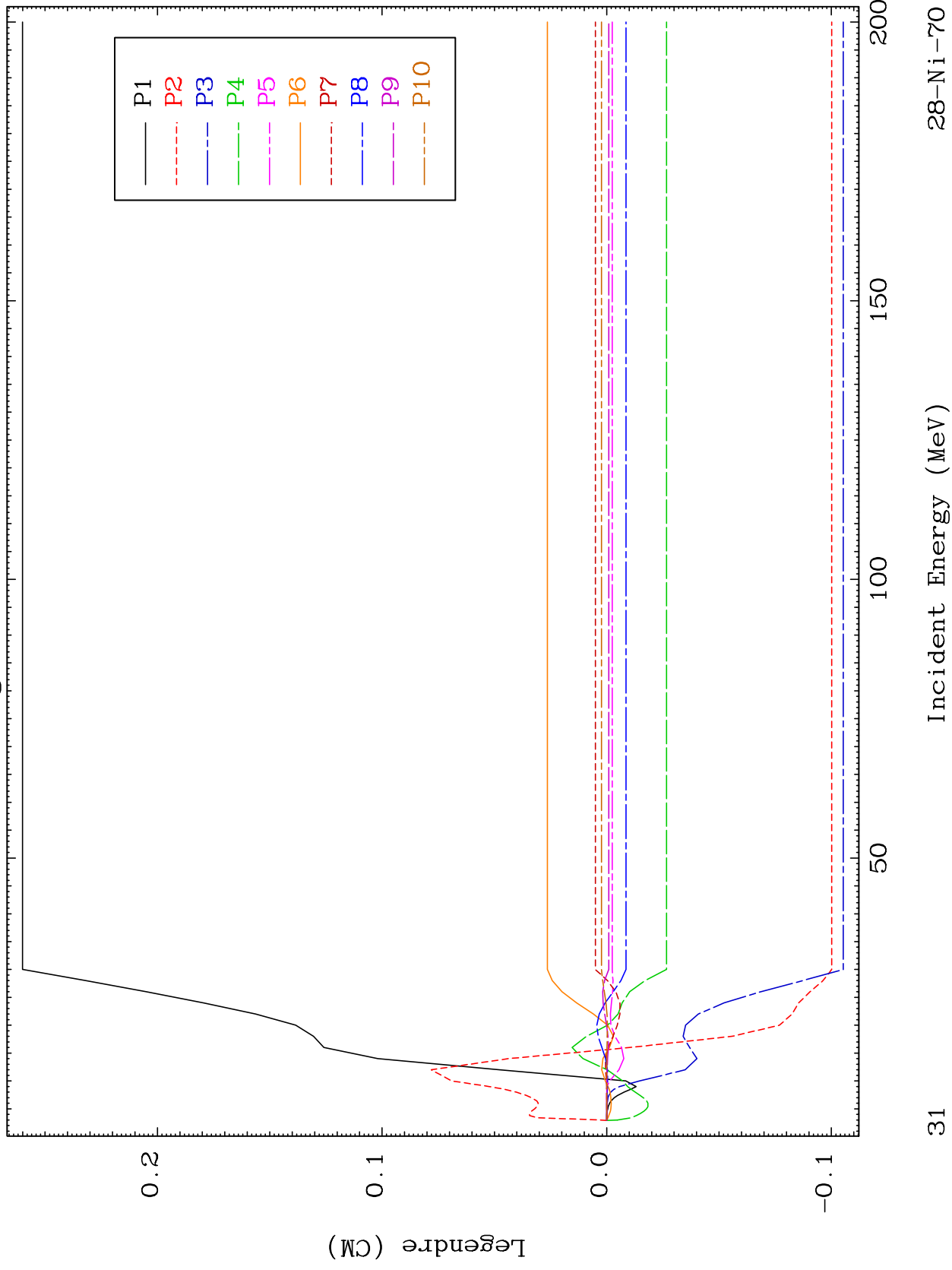




MAT 2861

MT= 55 (n,n') Level
Legendre Coefficients

28-Ni-70



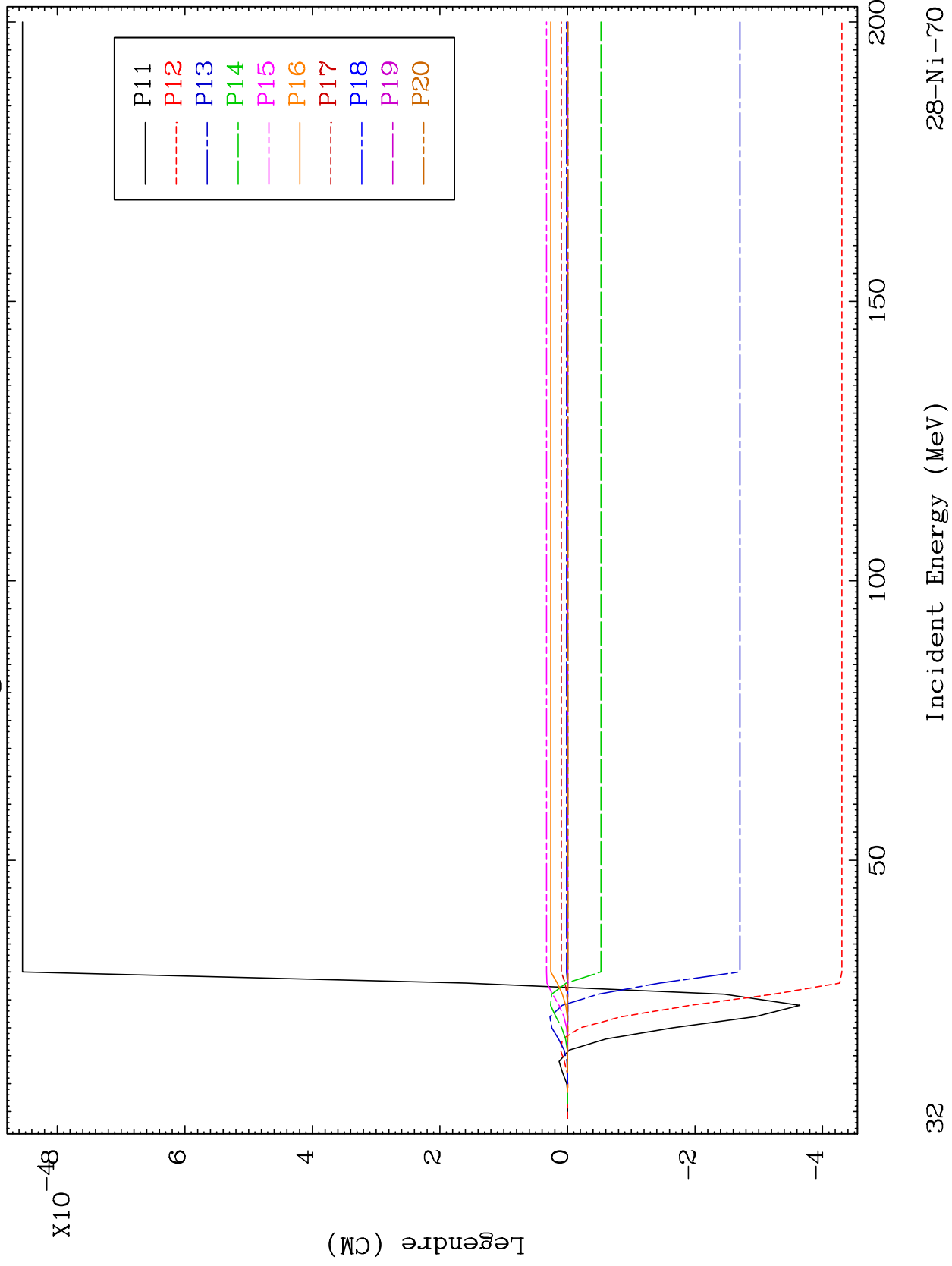
31

28-Ni-70

MAT 2861

MT= 55 (n,n') Level
Legendre Coefficients

28-Ni-70

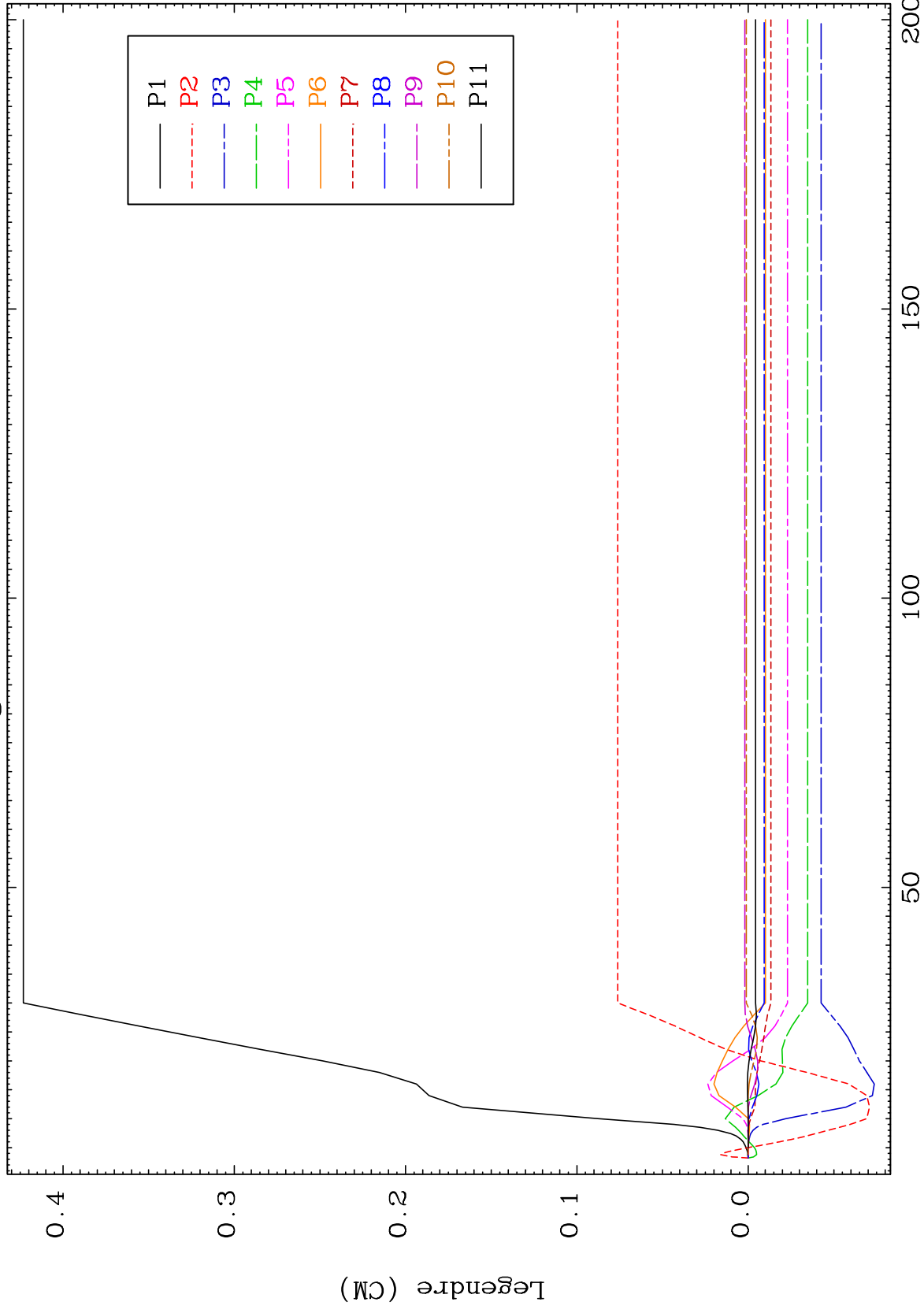


32

MAT 2861

MT= 56 (n,n') Level
Legendre Coefficients

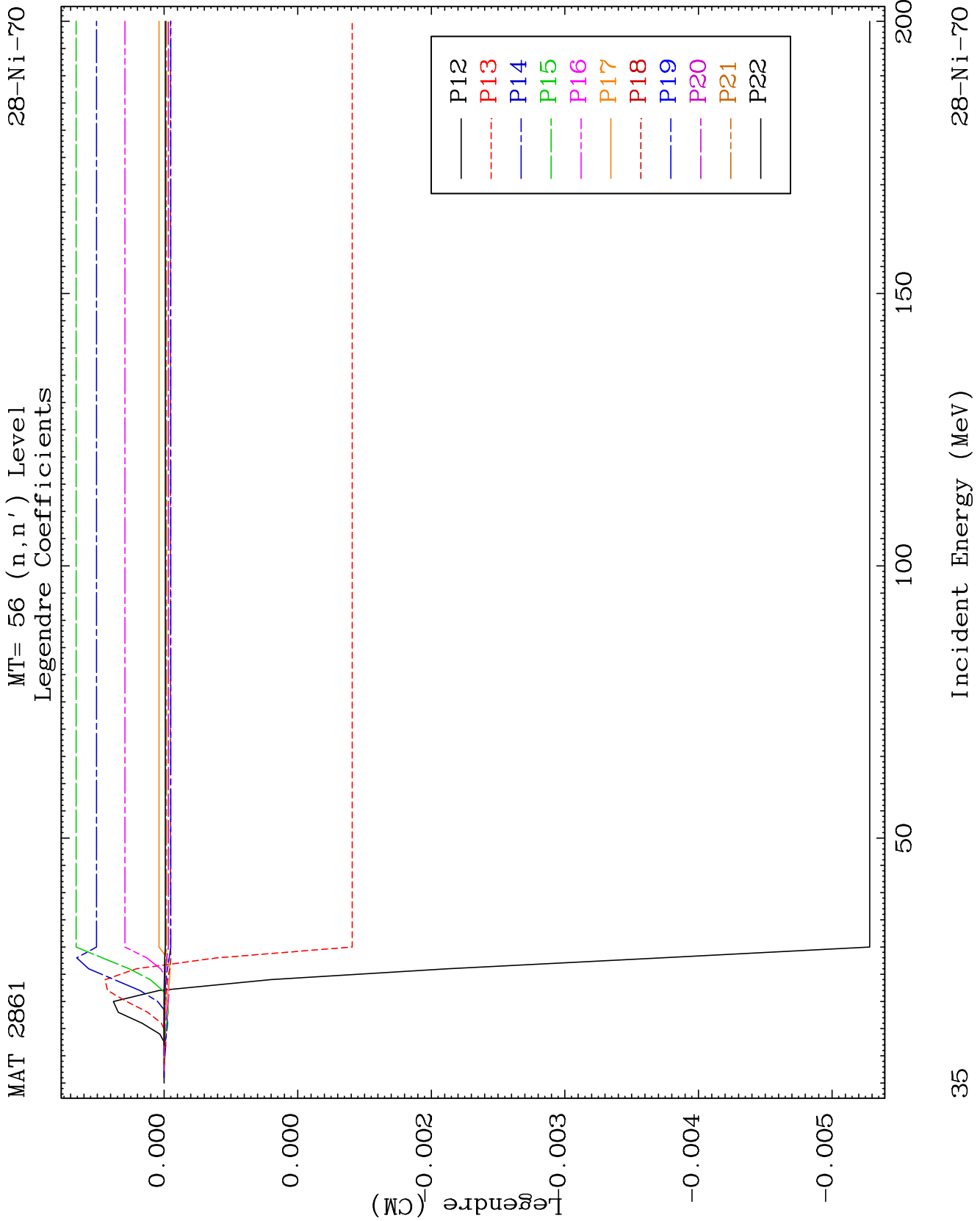
28-Ni-70

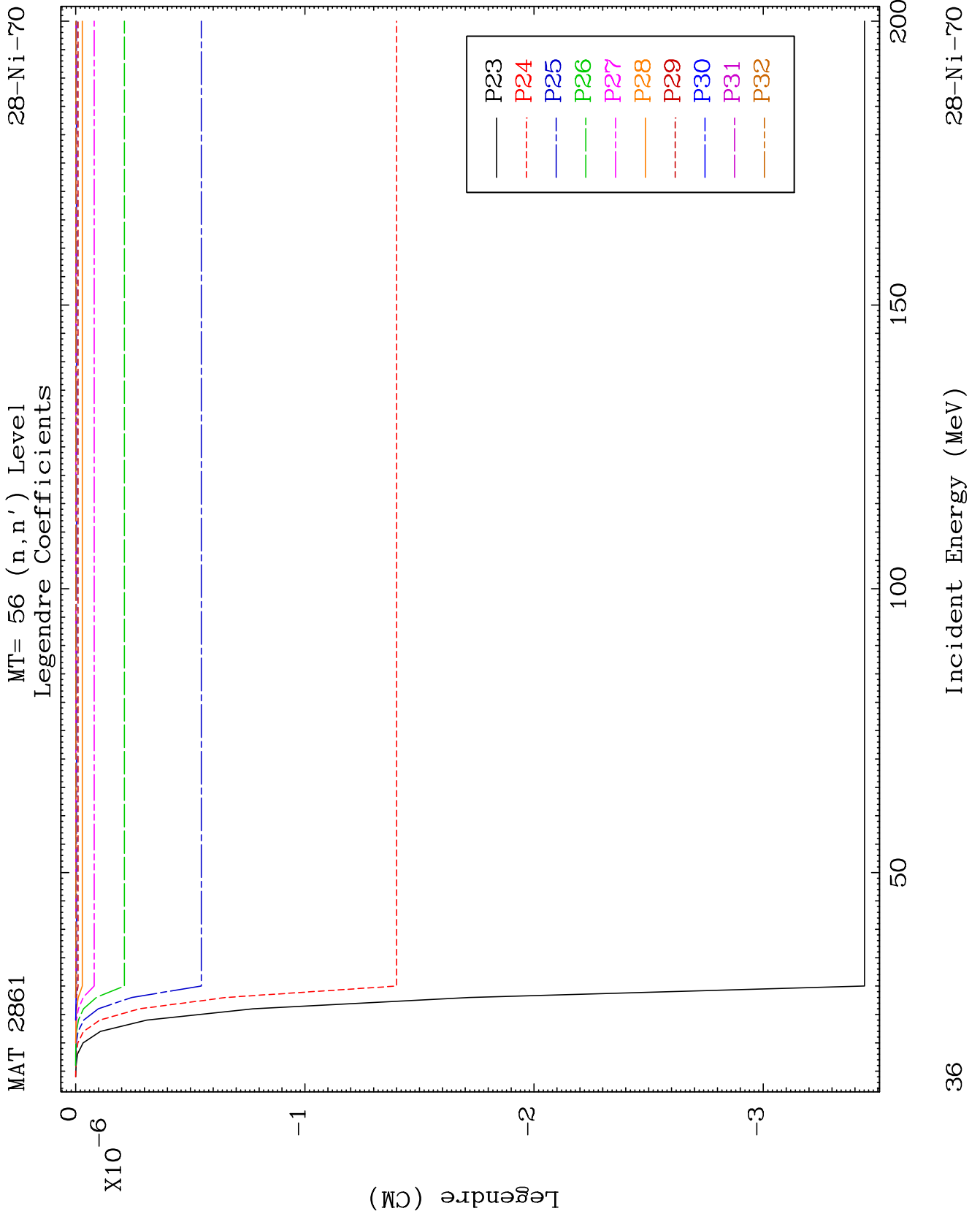


34

Incident Energy (MeV)

28-Ni-70

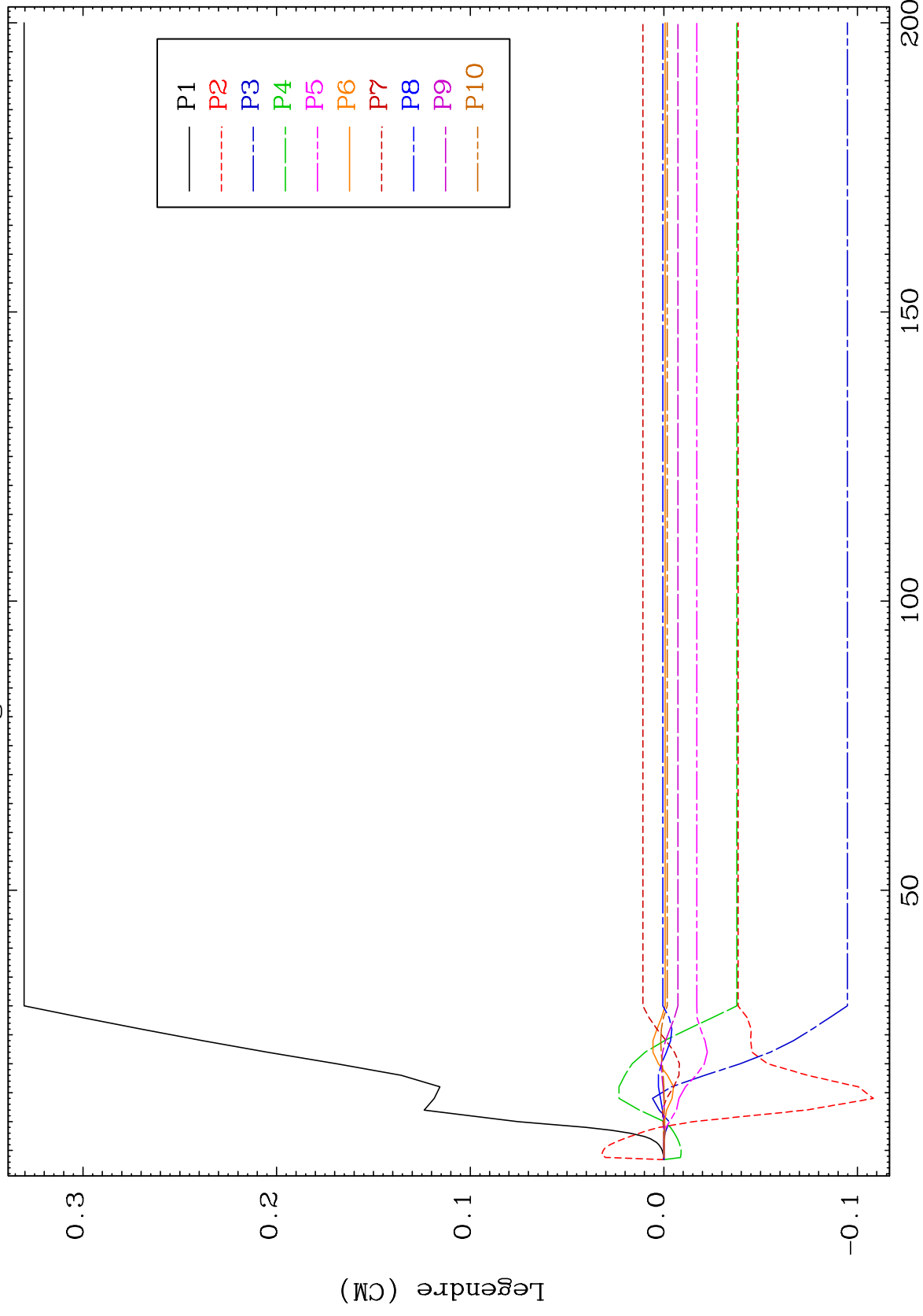




MAT 2861

MT= 57 (n,n') Level
Legendre Coefficients

28-Ni-70



37

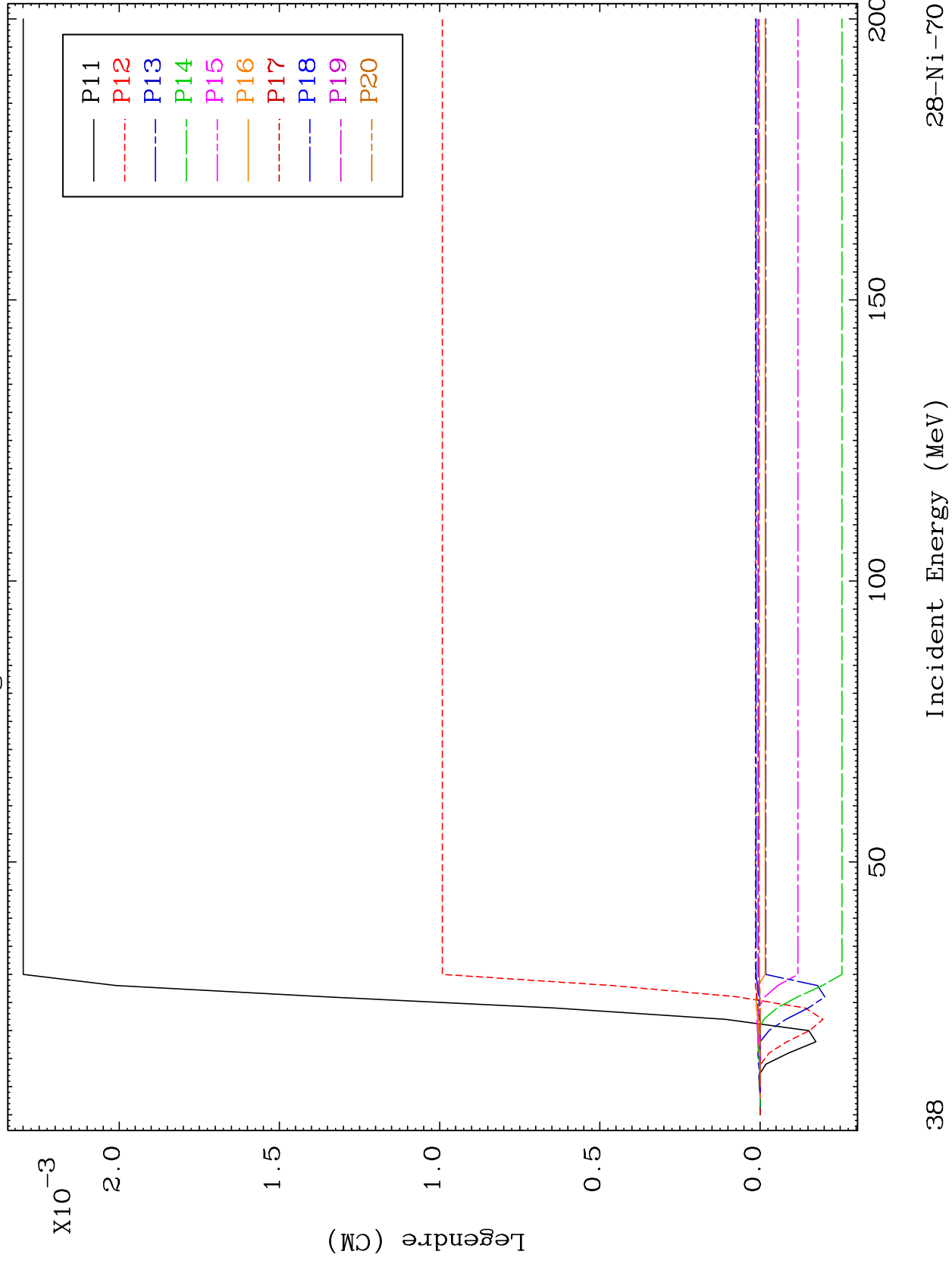
Incident Energy (MeV)

28-Ni-70

MAT 2861

MT= 57 (n,n') Level
Legendre Coefficients

28-Ni-70



38

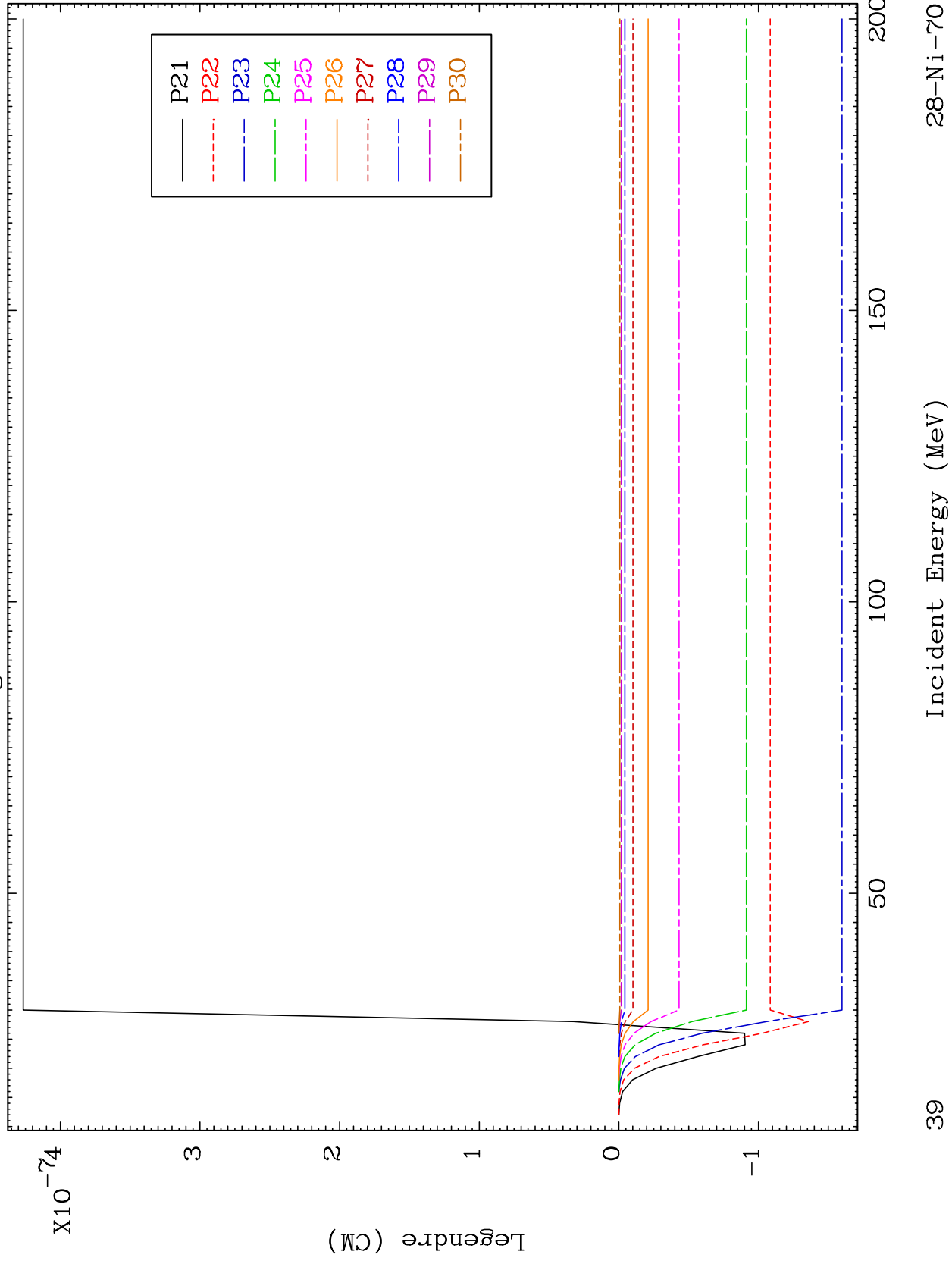
Incident Energy (MeV)

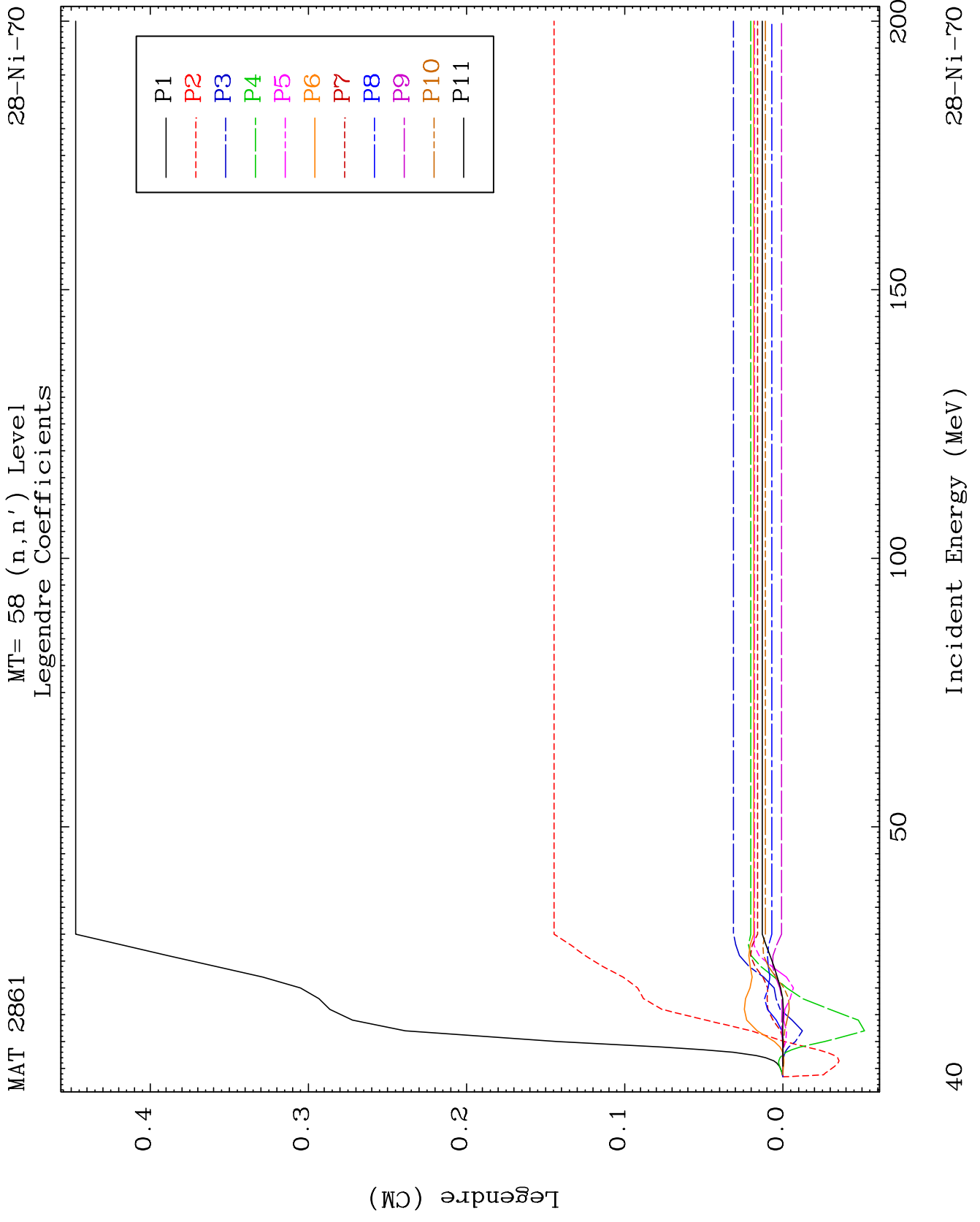
28-Ni-70

MAT 2861

MT= 57 (n,n') Level
Legendre Coefficients

28-Ni-70

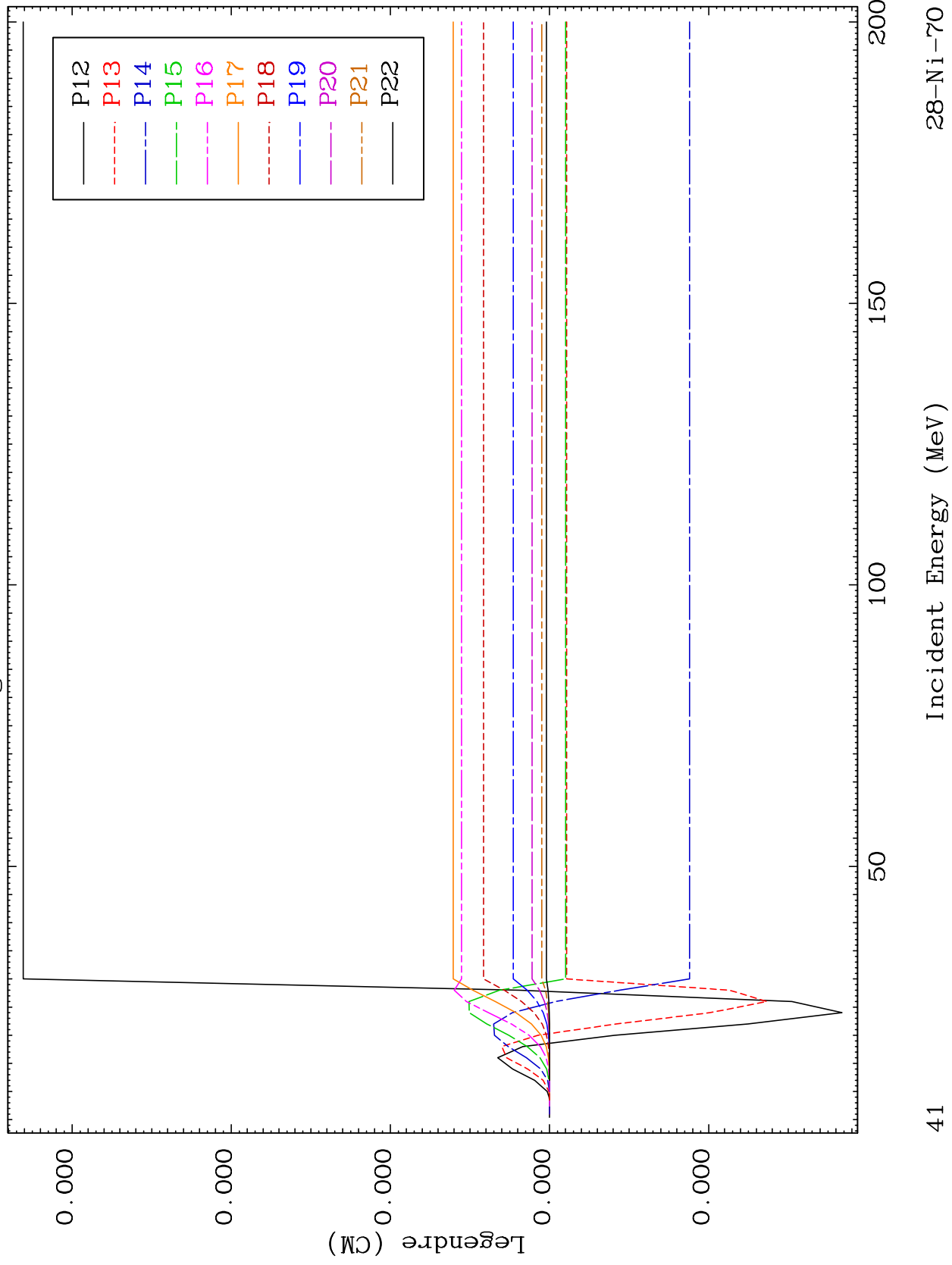


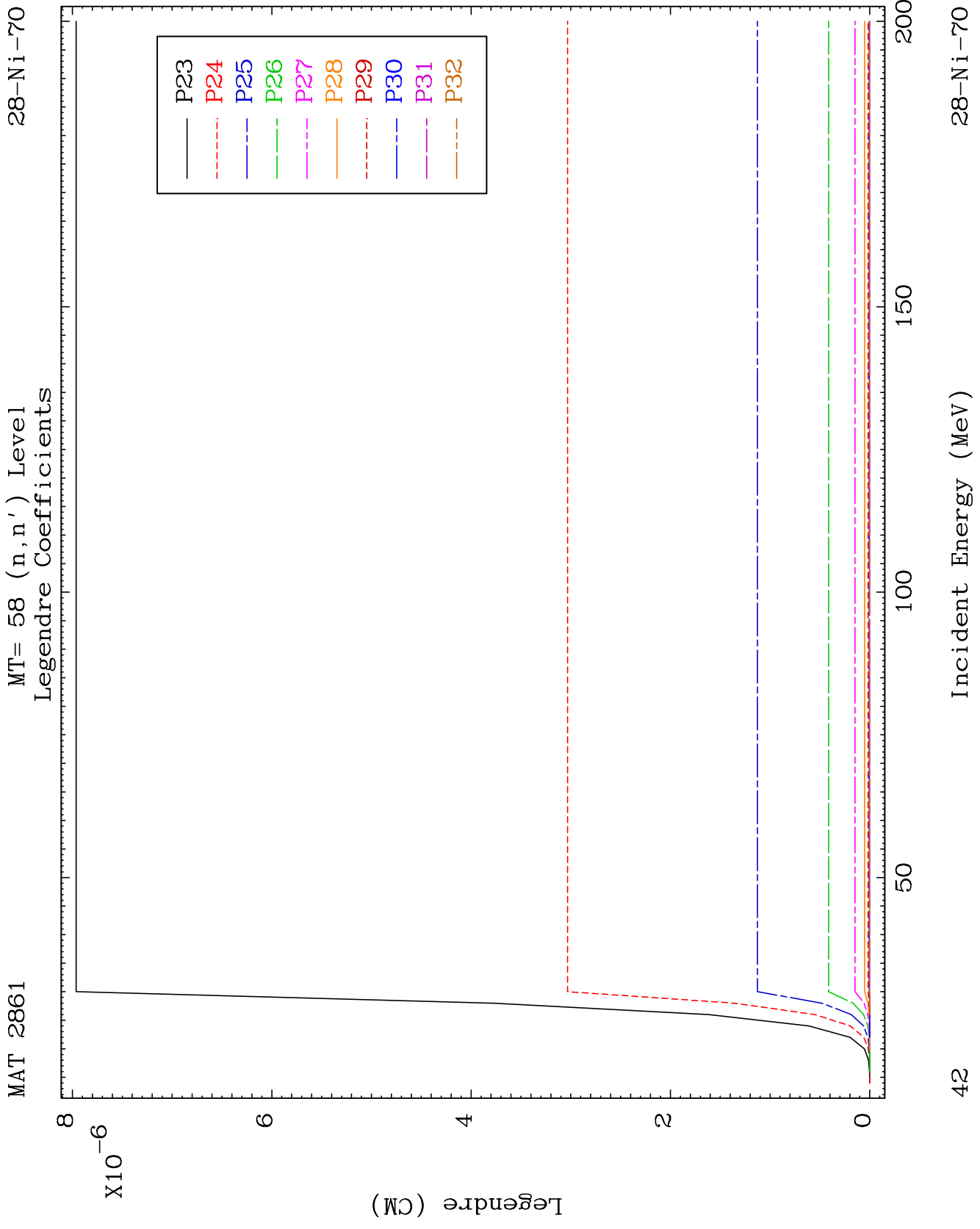


MAT 2861

MT= 58 (n,n') Level
Legendre Coefficients

28-Ni-70

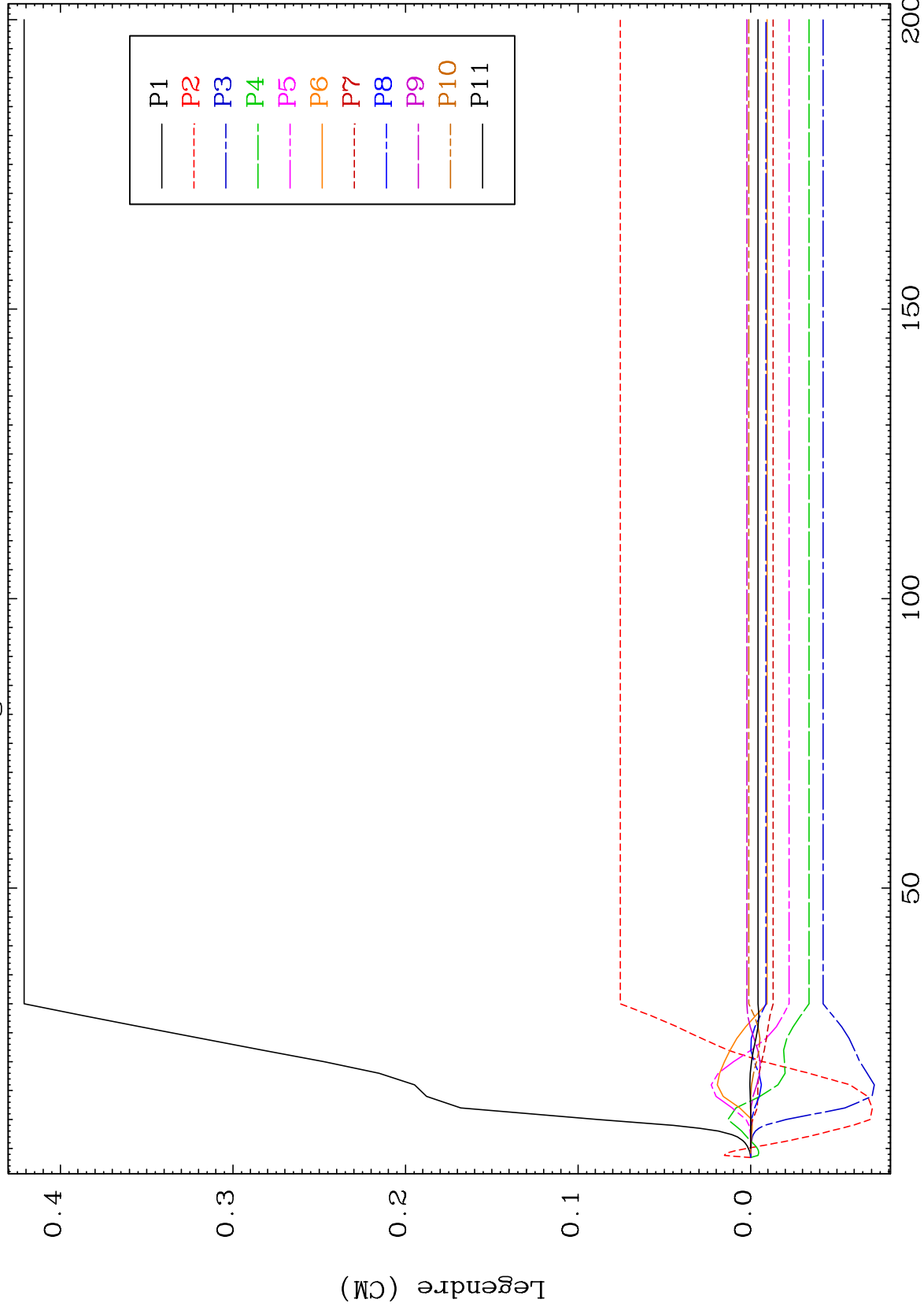




MAT 2861

MT= 59 (n,n') Level
Legendre Coefficients

28-Ni-70



43

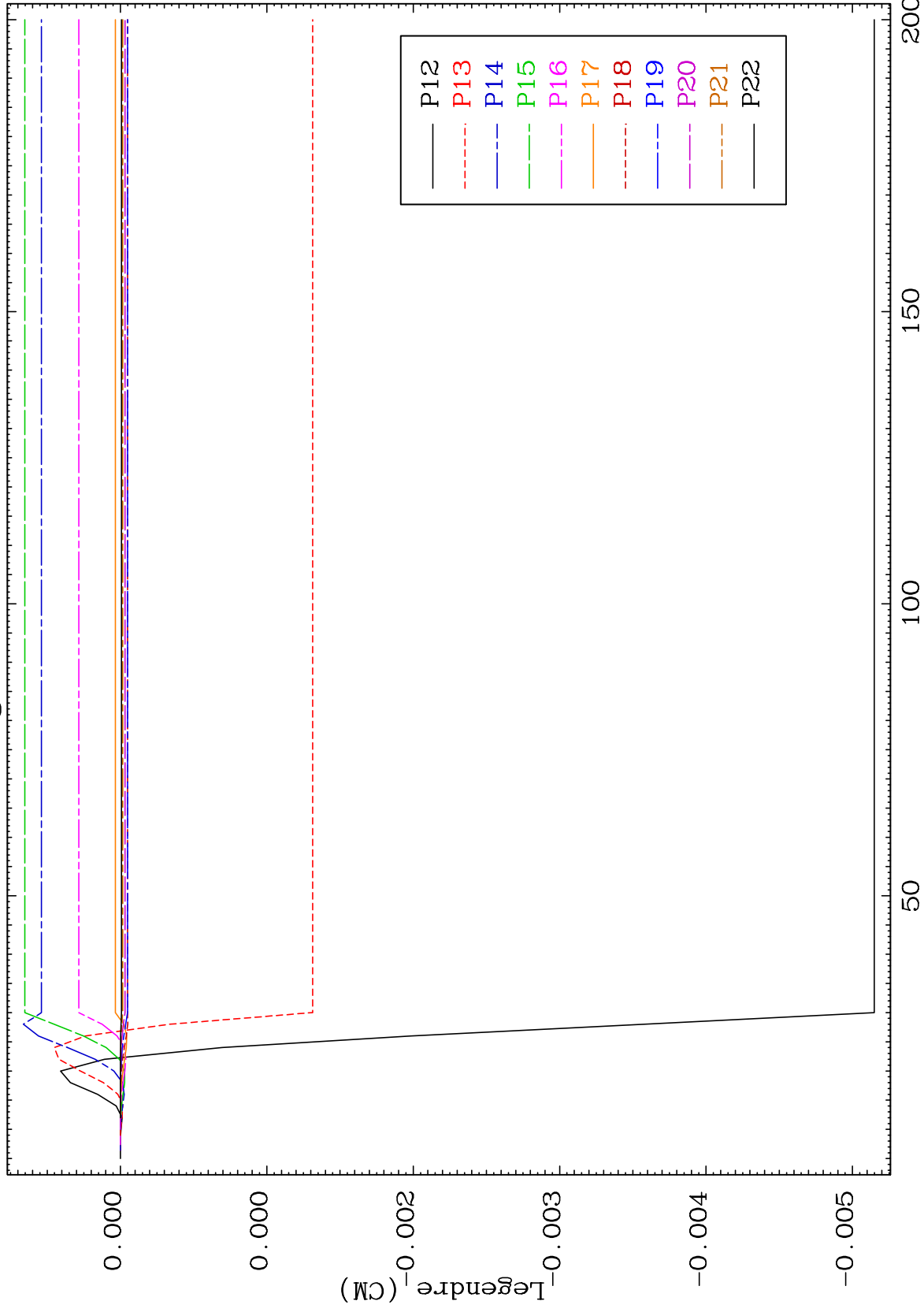
Incident Energy (MeV)

28-Ni-70

MAT 2861

MT= 59 (n,n') Level
Legendre Coefficients

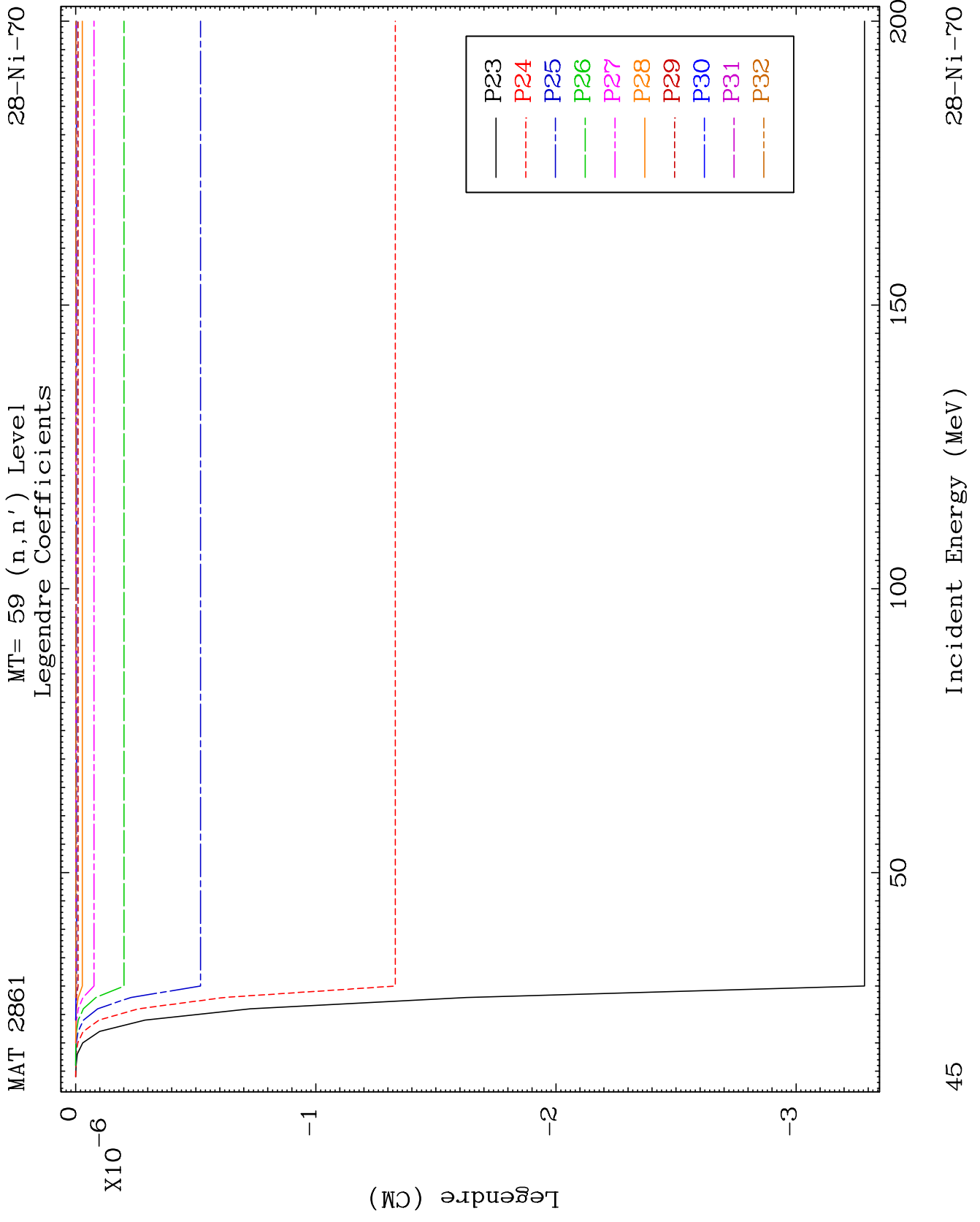
28-Ni-70

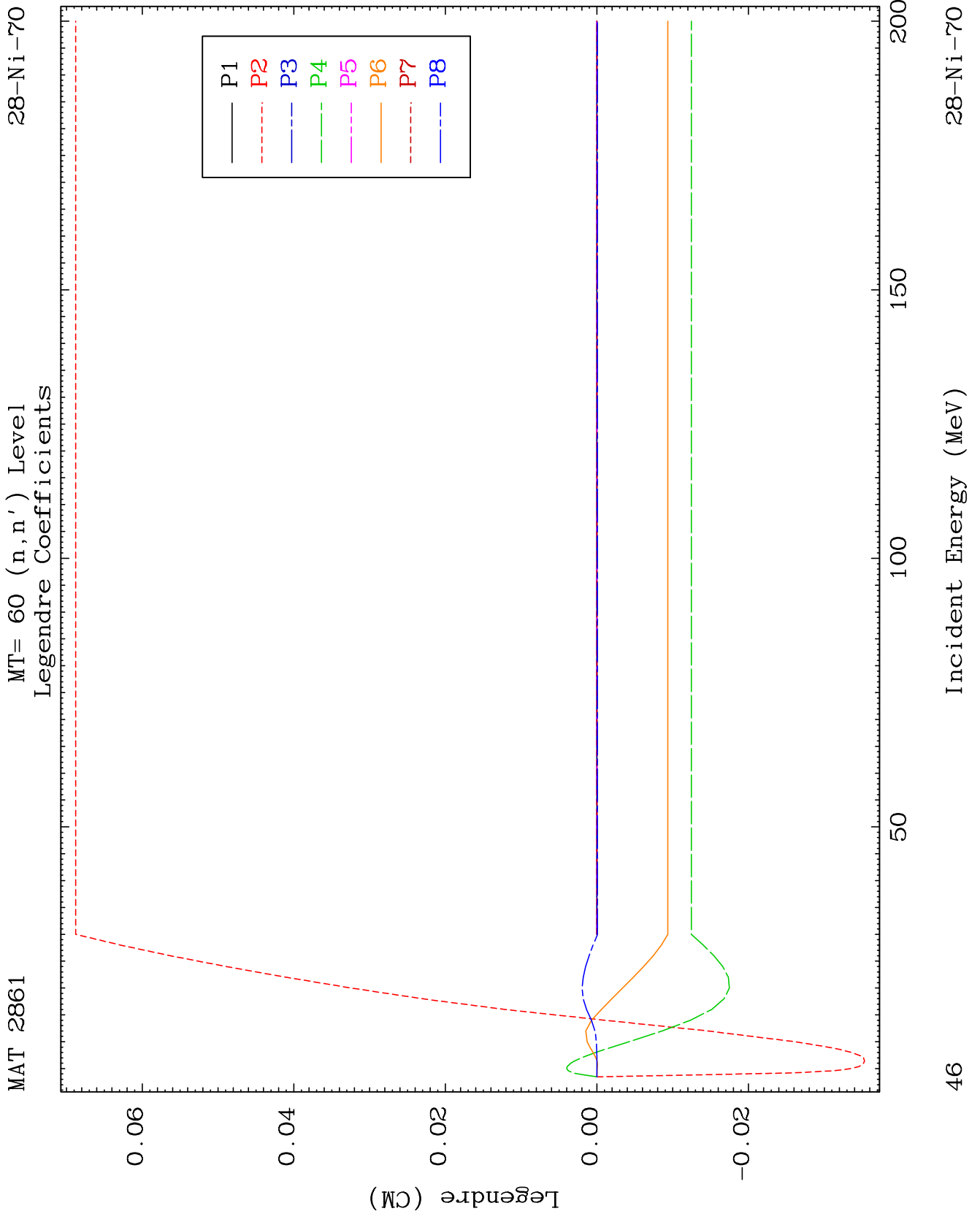


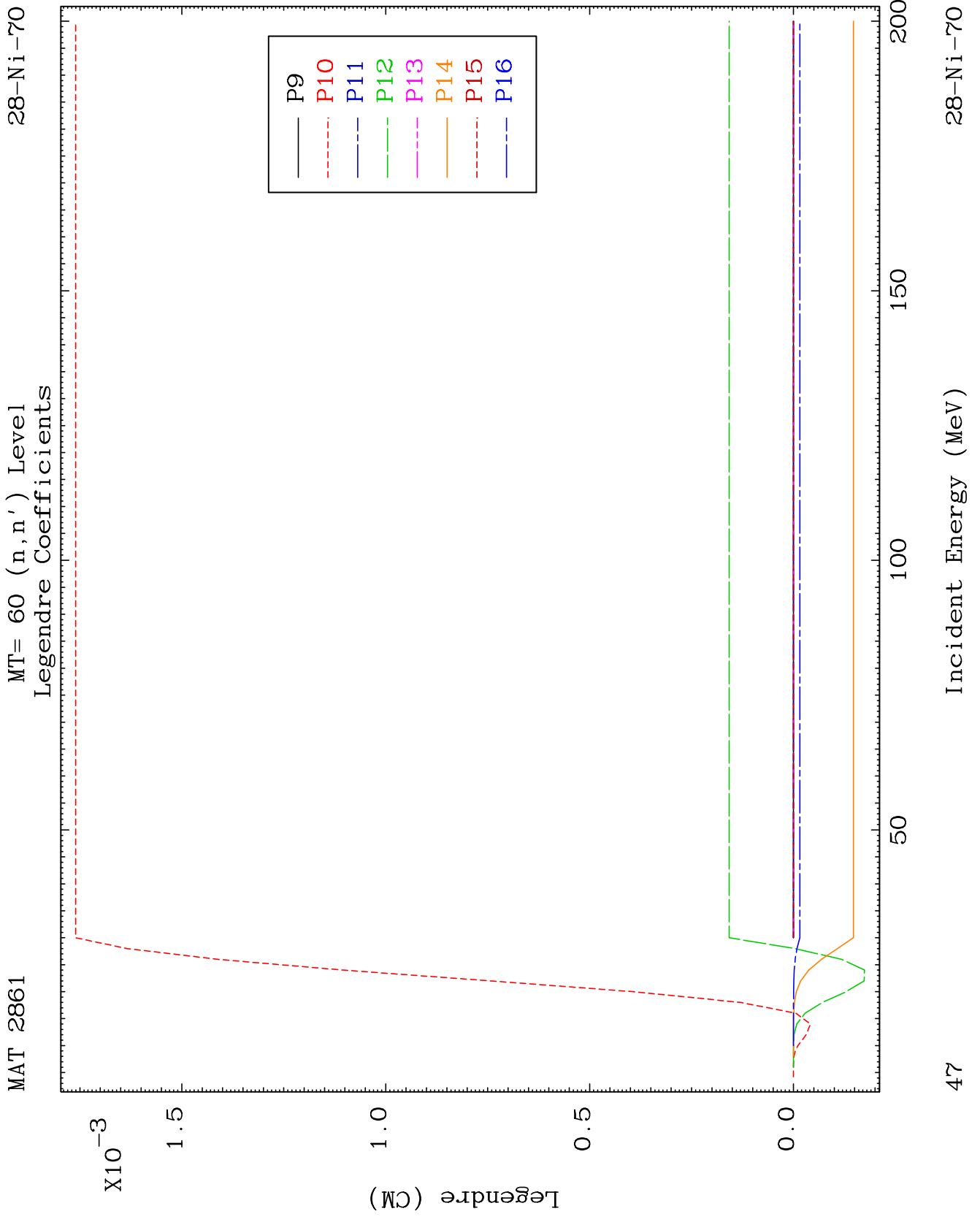
44

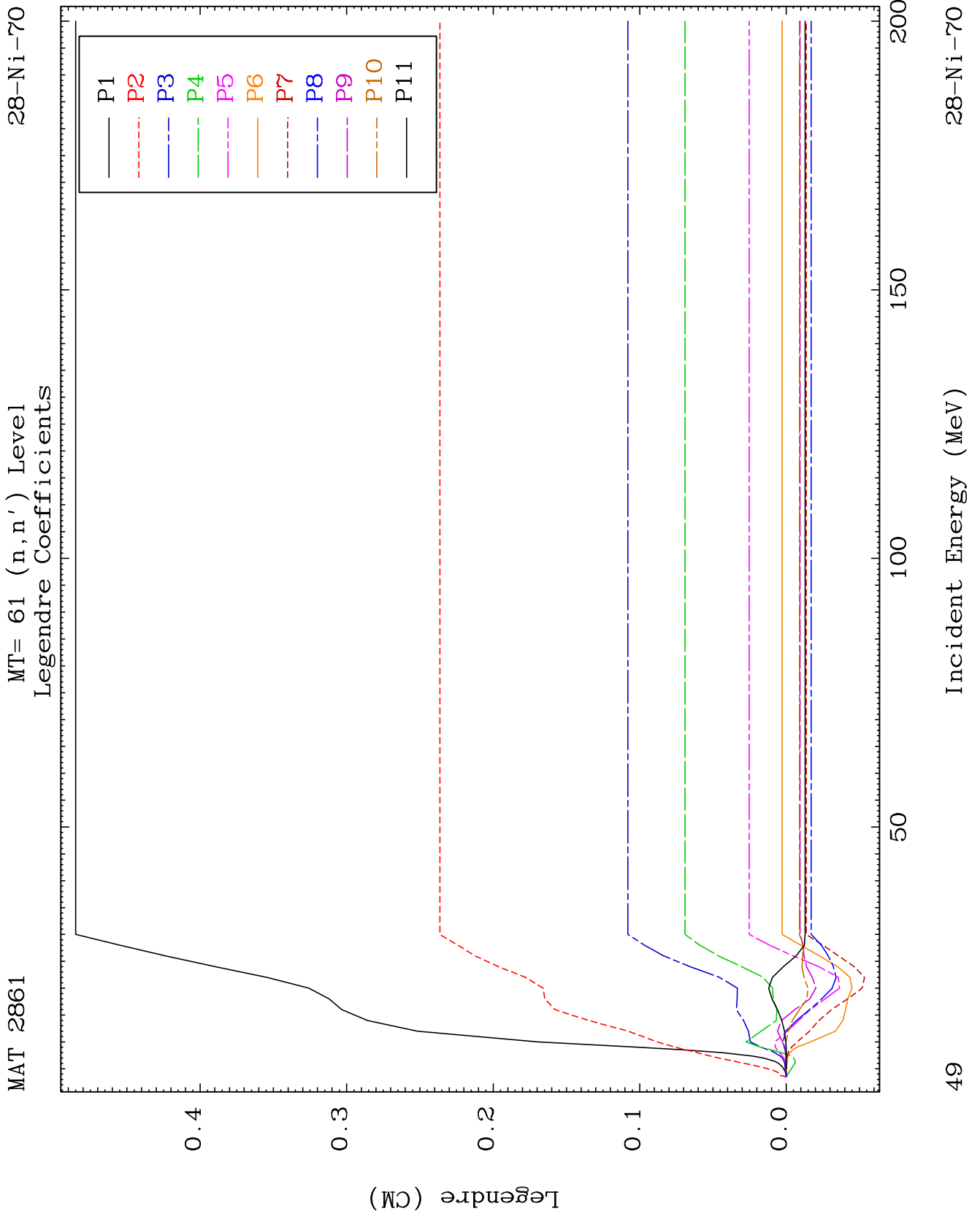
Incident Energy (MeV)

28-Ni-70





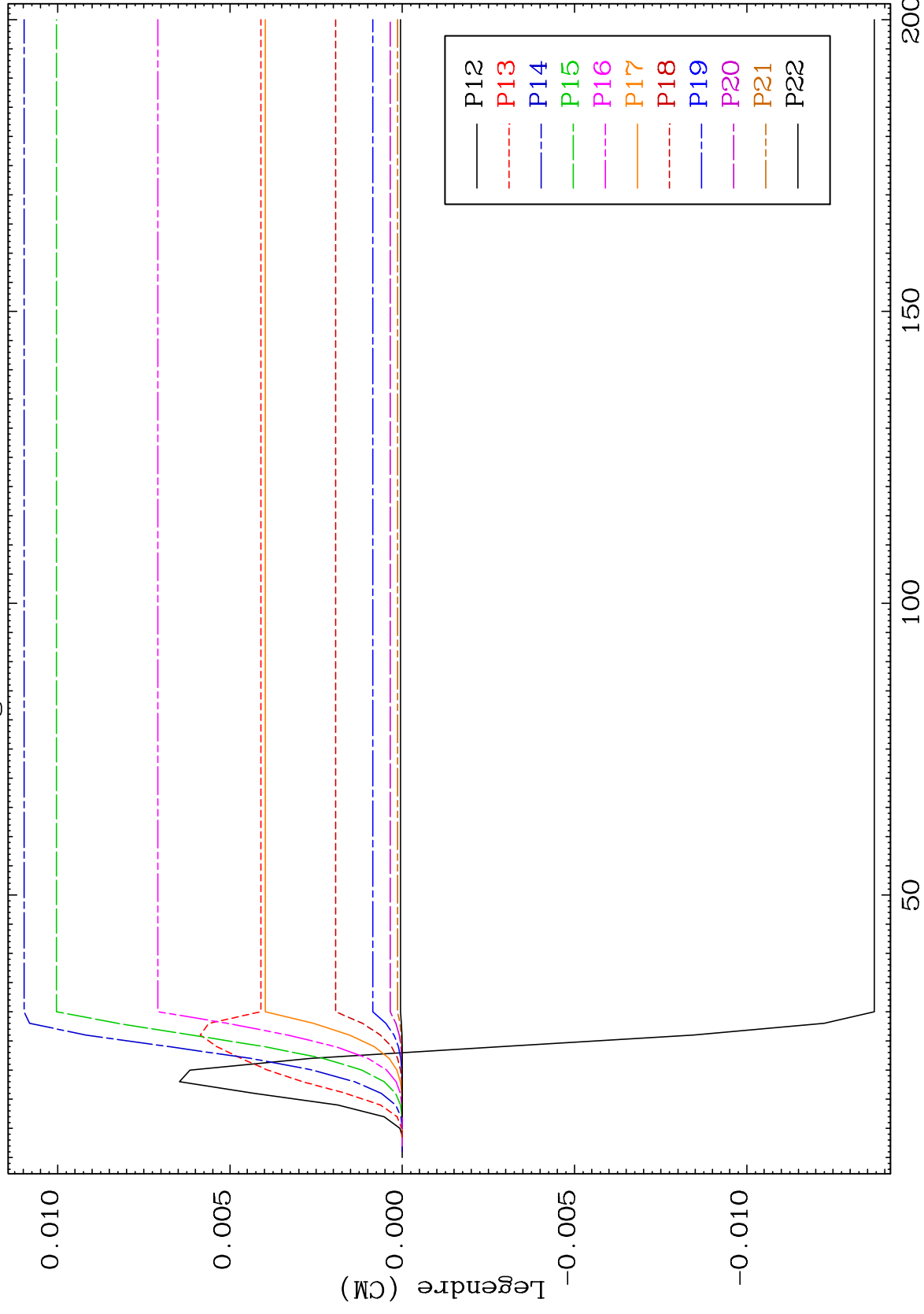




MAT 2861

MT= 61 (n,n') Level
Legendre Coefficients

28-Ni-70



50

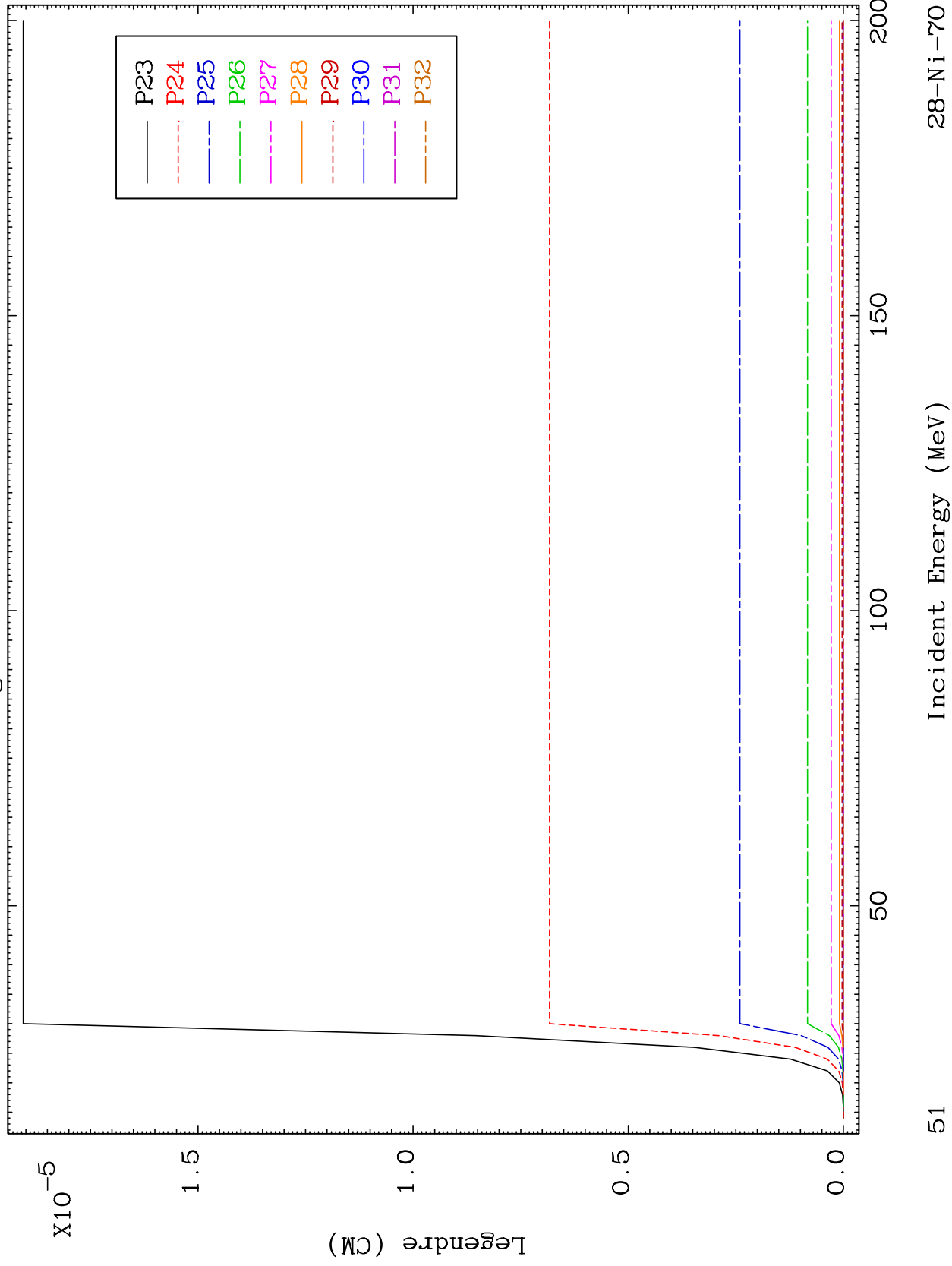
Incident Energy (MeV)

28-Ni-70

MAT 2861

MT= 61 (n,n') Level
Legendre Coefficients

28-Ni-70



51

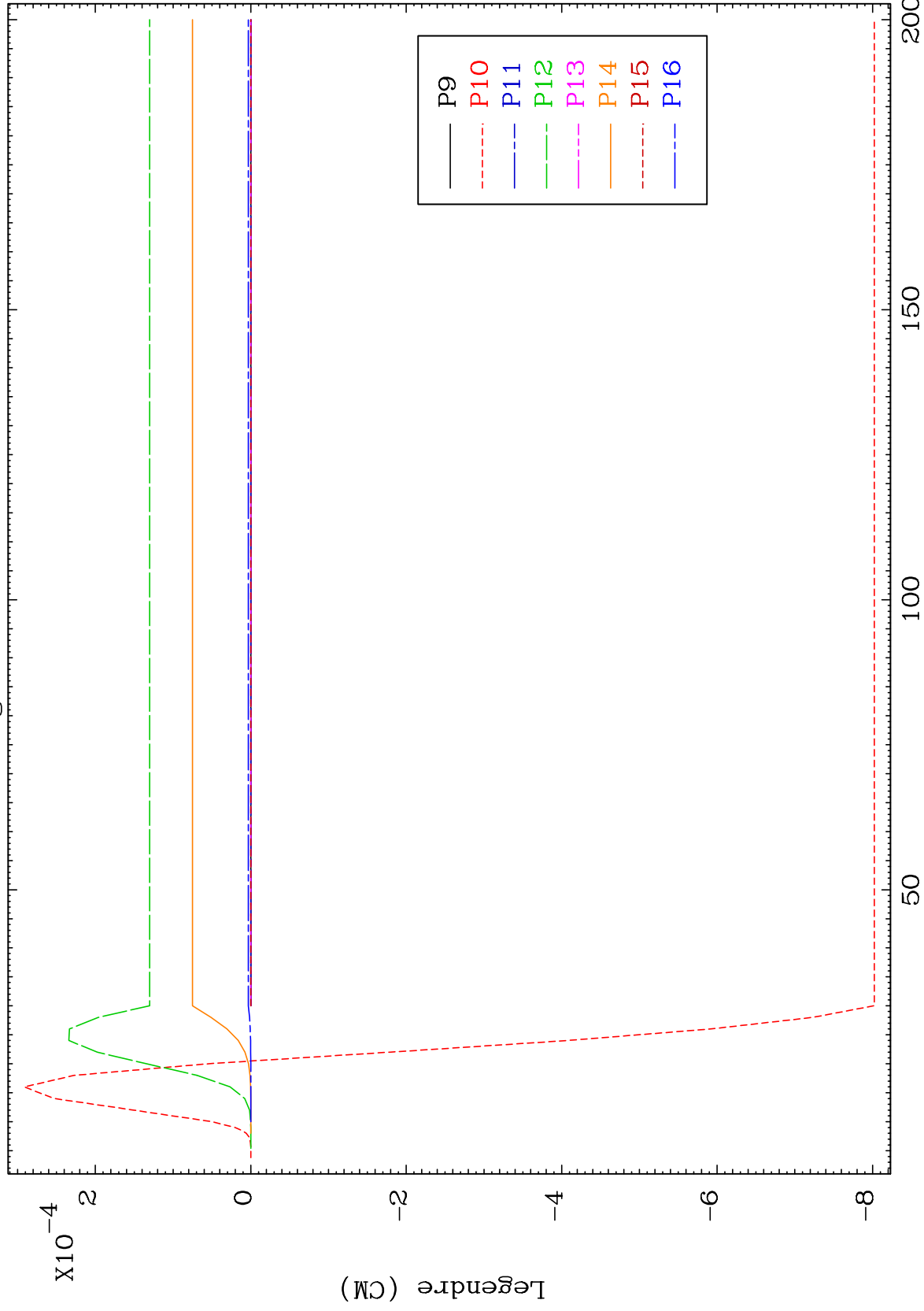
Incident Energy (MeV)

28-Ni-70

MAT 2861

MT= 62 (n,n') Level
Legendre Coefficients

28-Ni-70



53

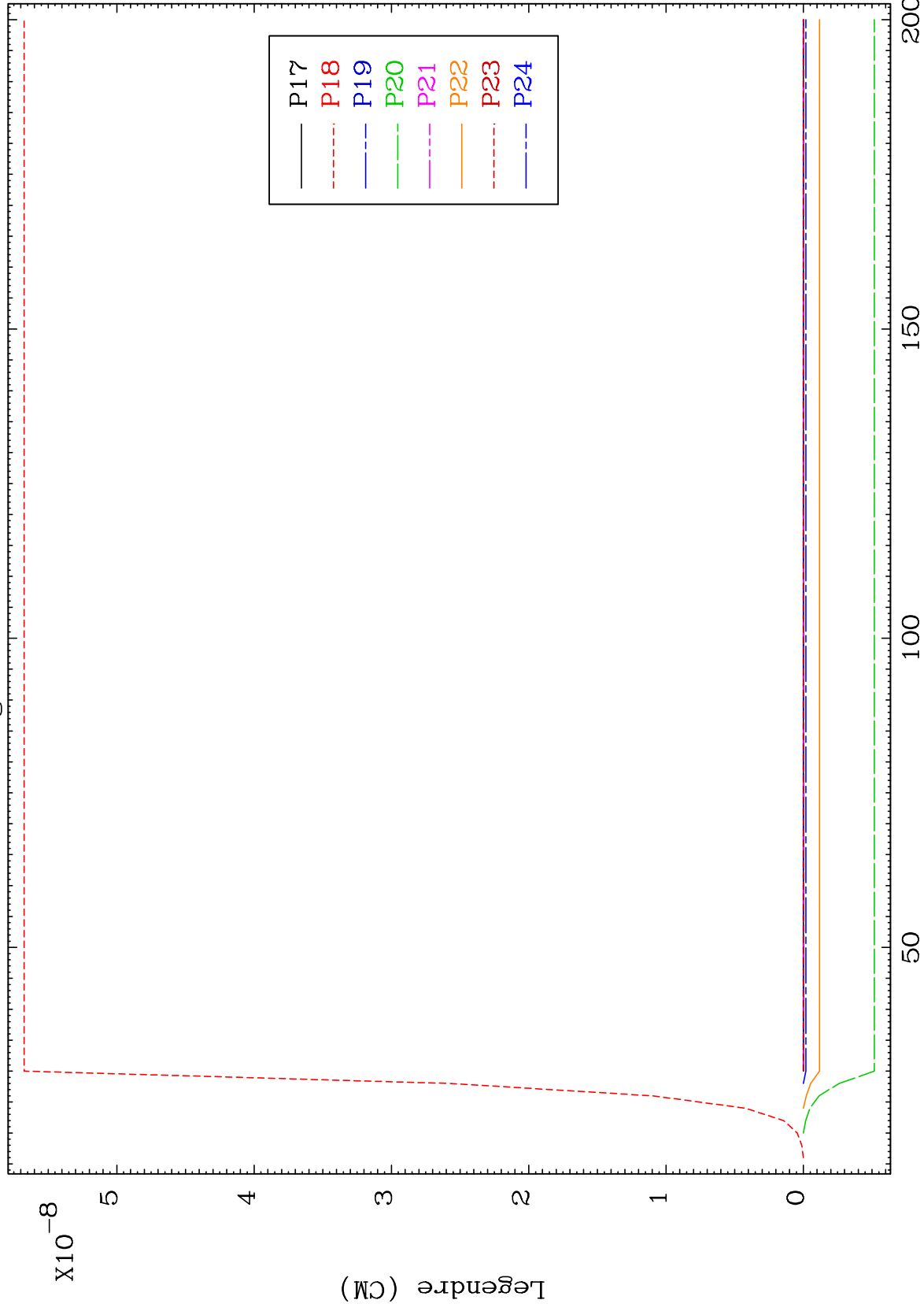
Incident Energy (MeV)

28-Ni-70

MAT 2861

MT= 62 (n,n') Level
Legendre Coefficients

28-Ni-70



54

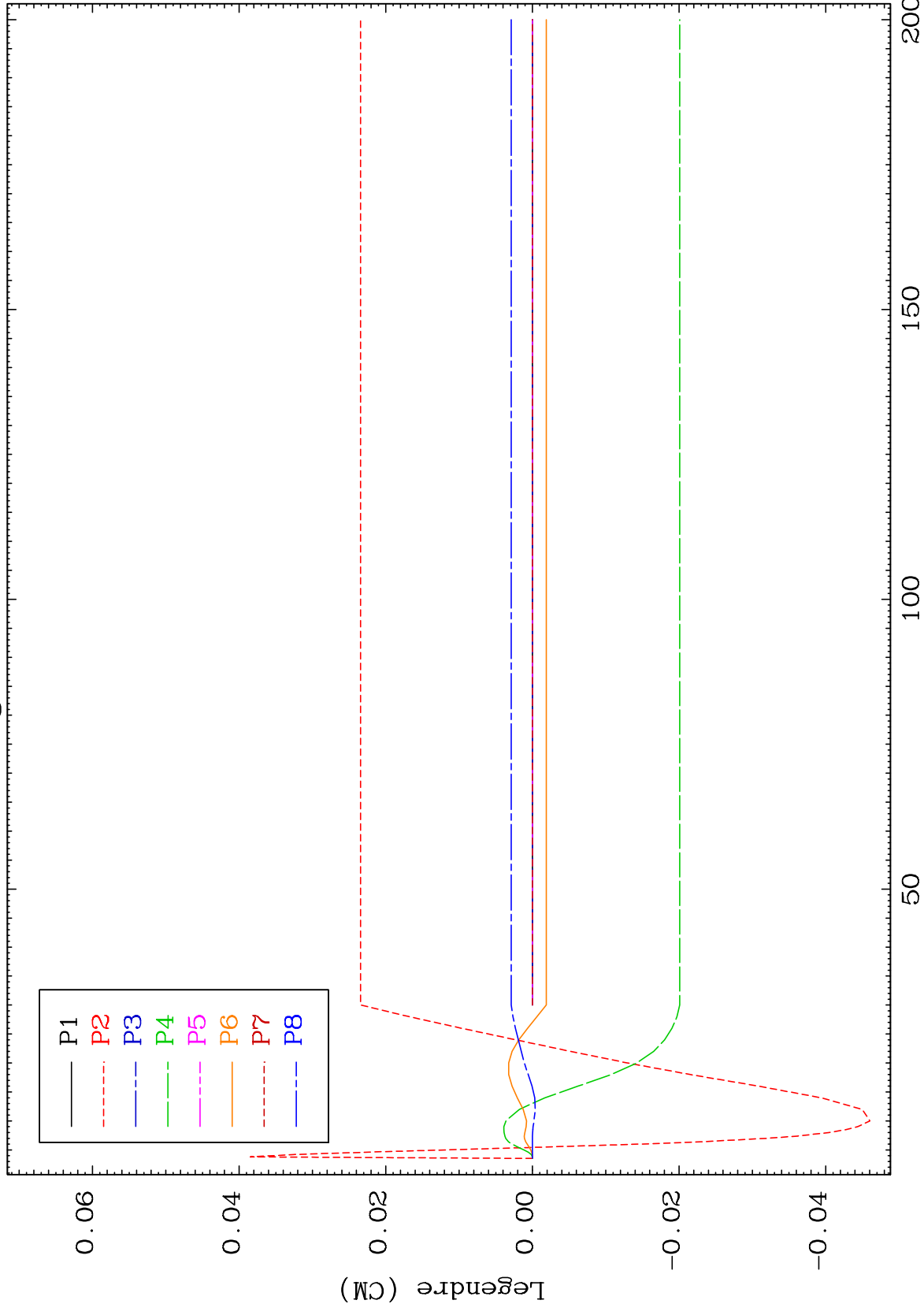
Incident Energy (MeV)

28-Ni-70

MAT 2861

MT= 63 (n,n') Level
Legendre Coefficients

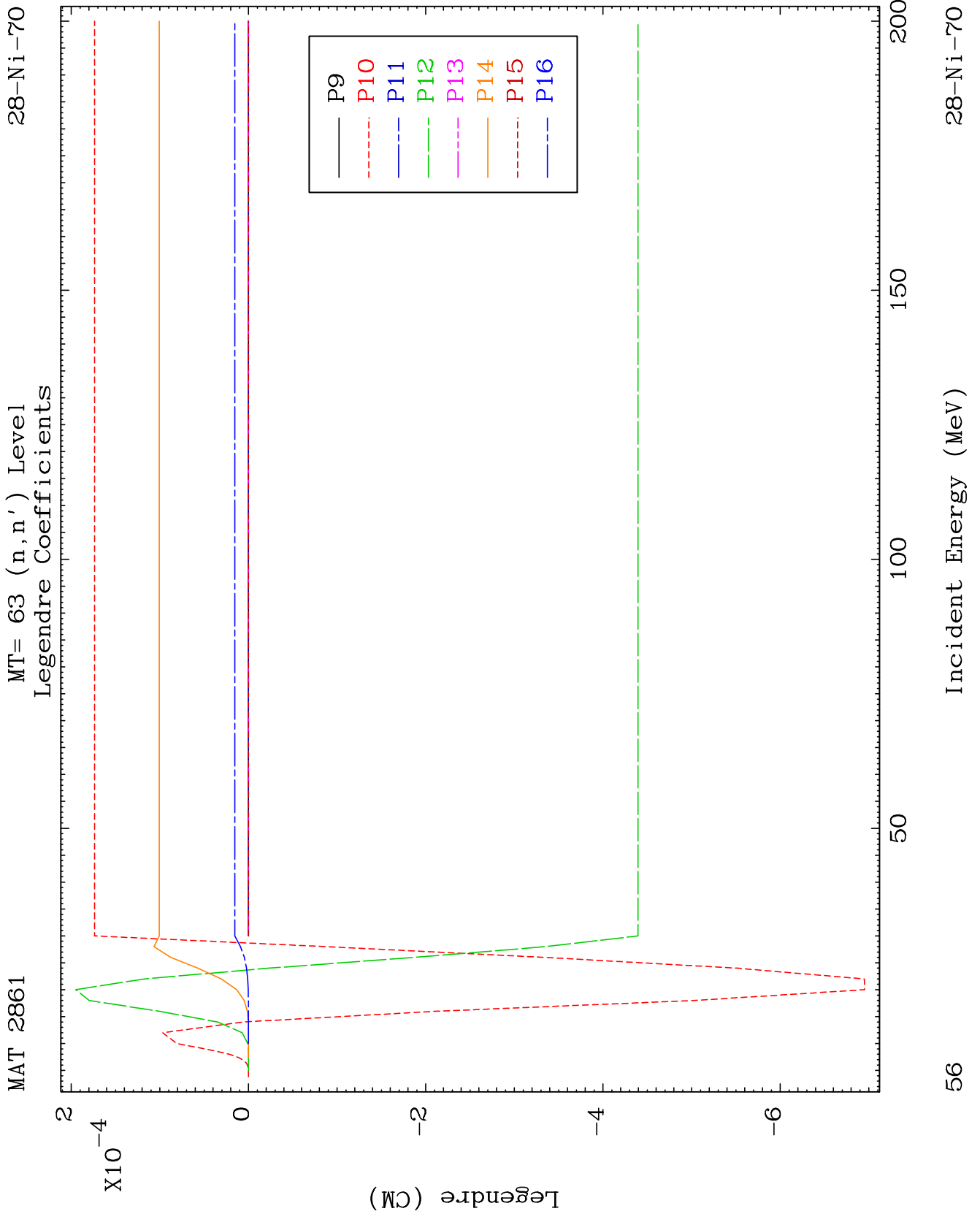
28-Ni-70

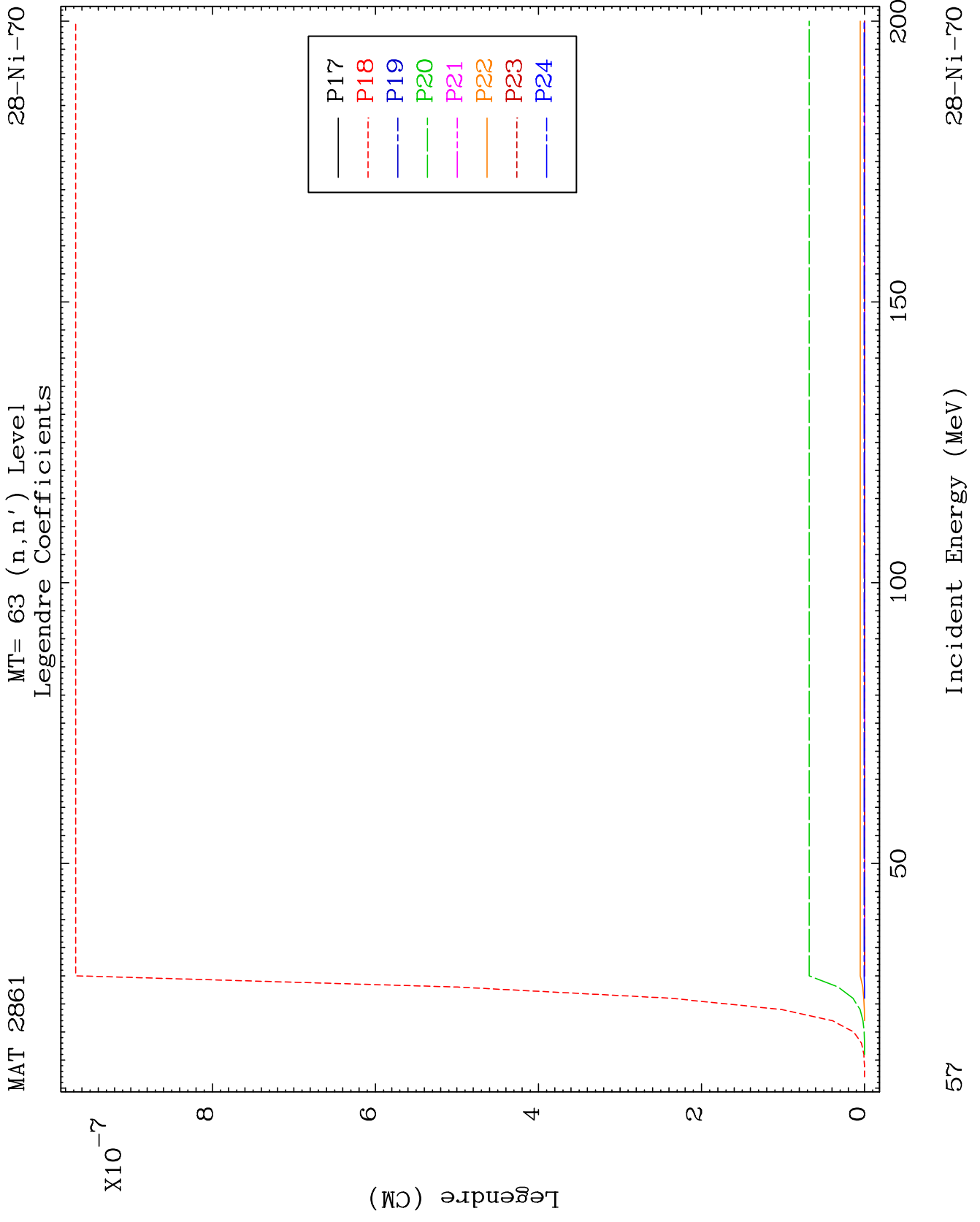


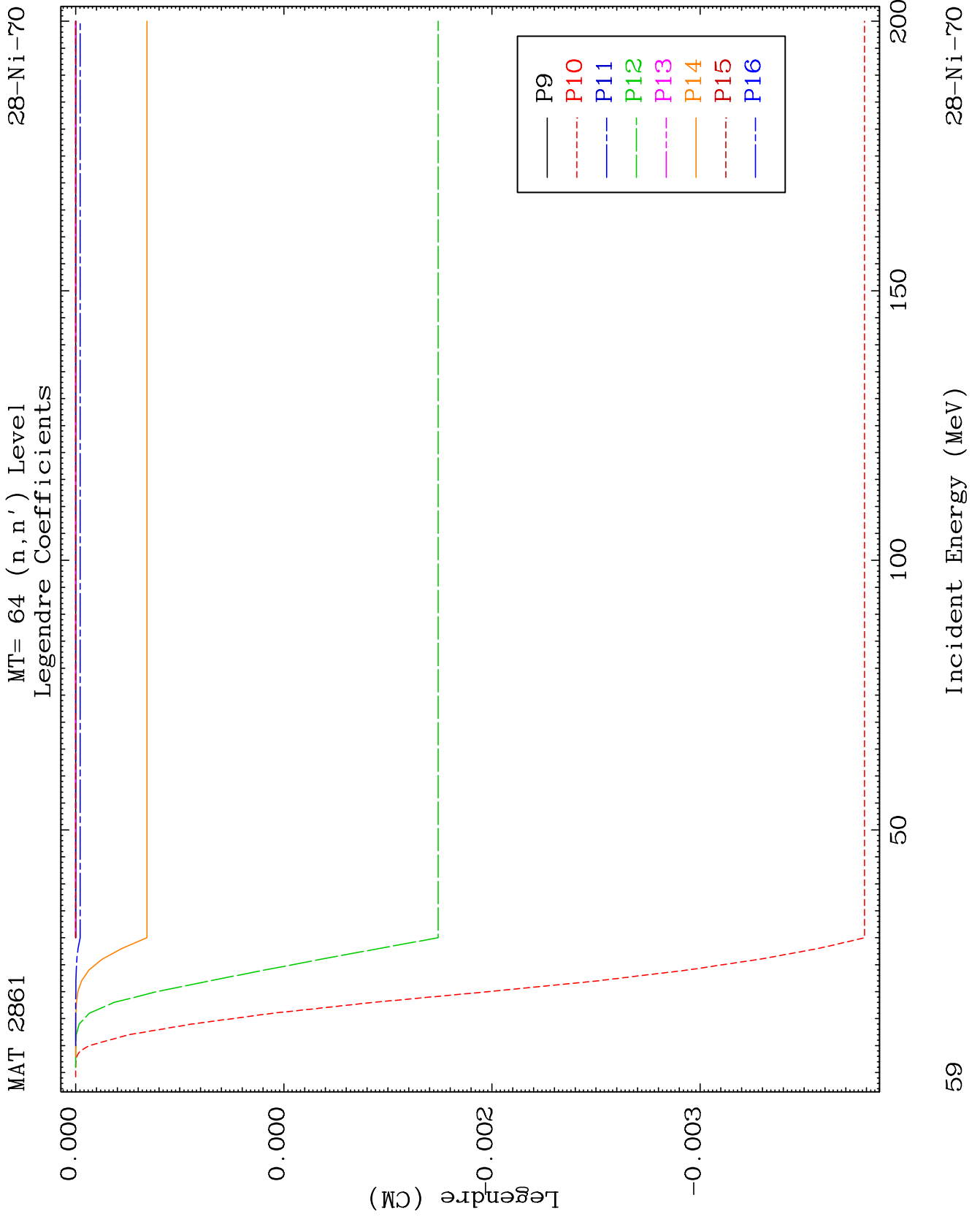
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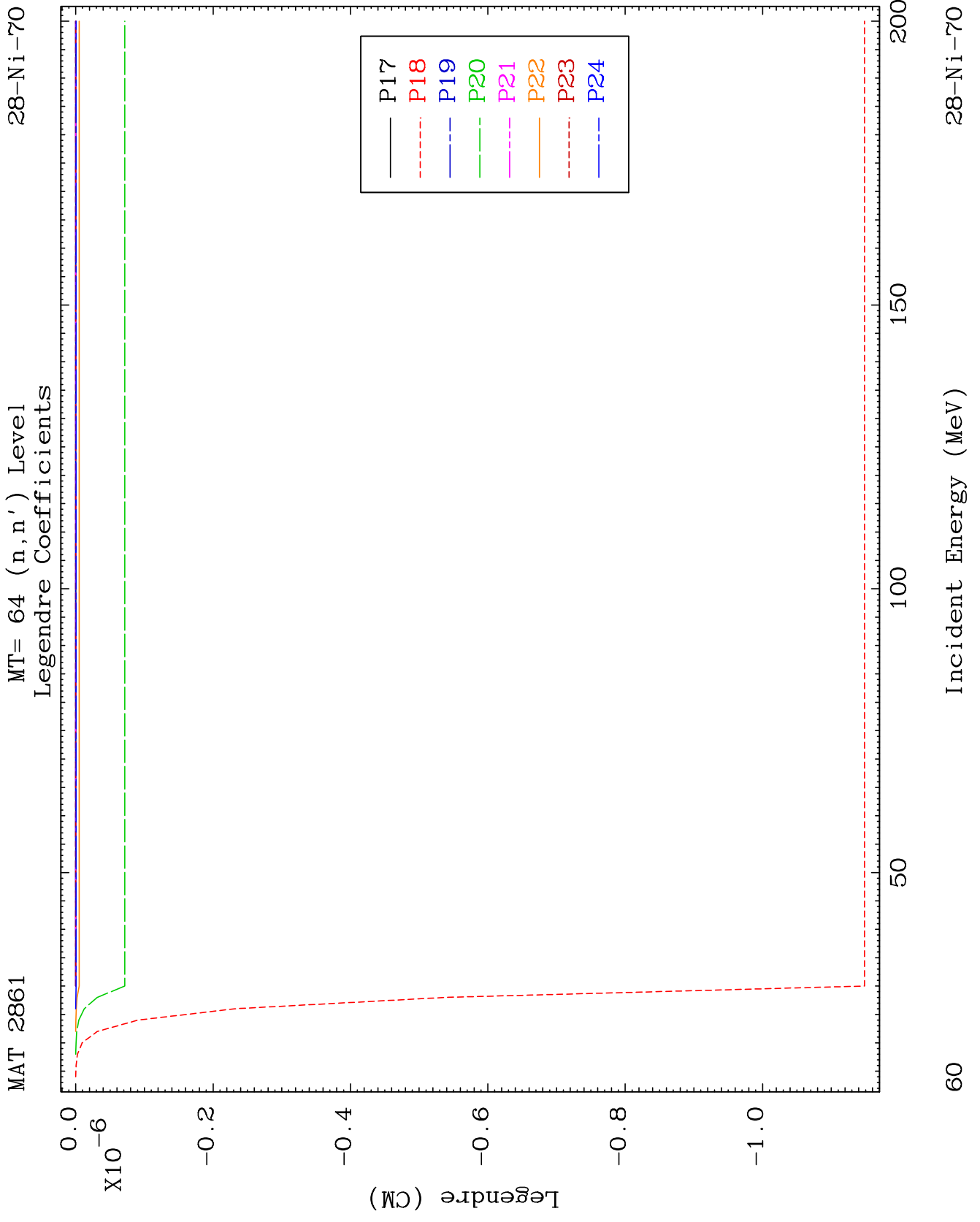
Incident Energy (MeV)

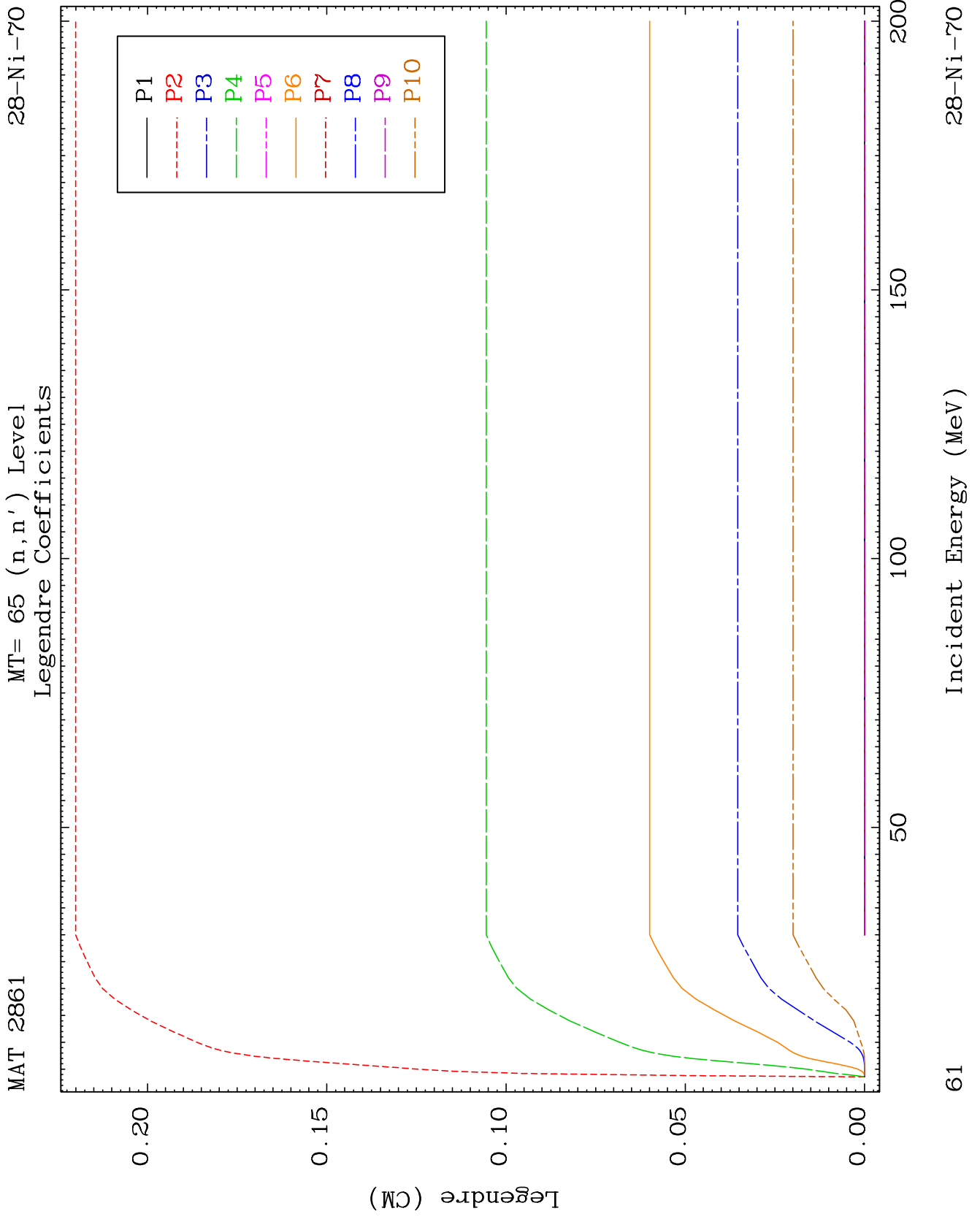
28-Ni-70

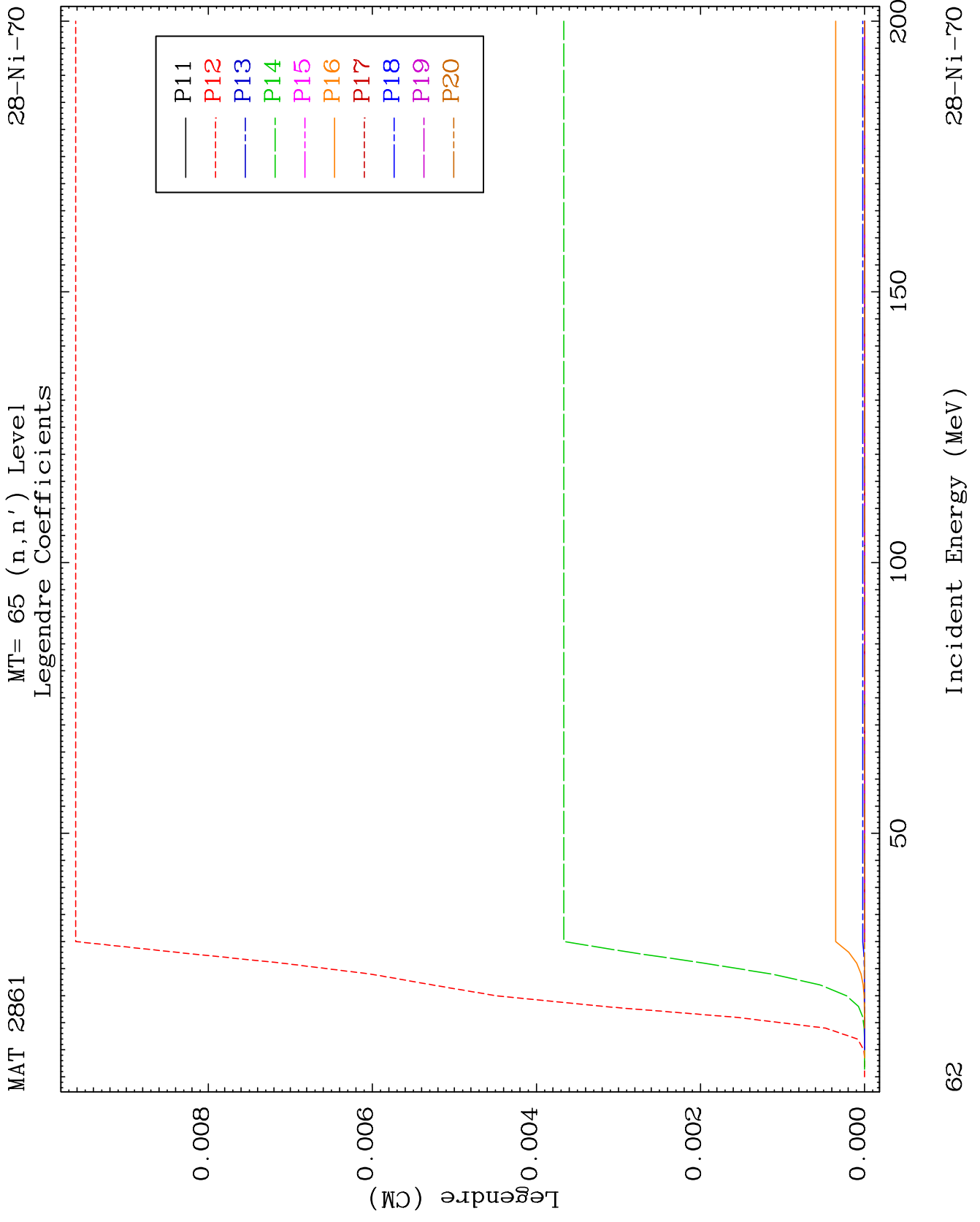


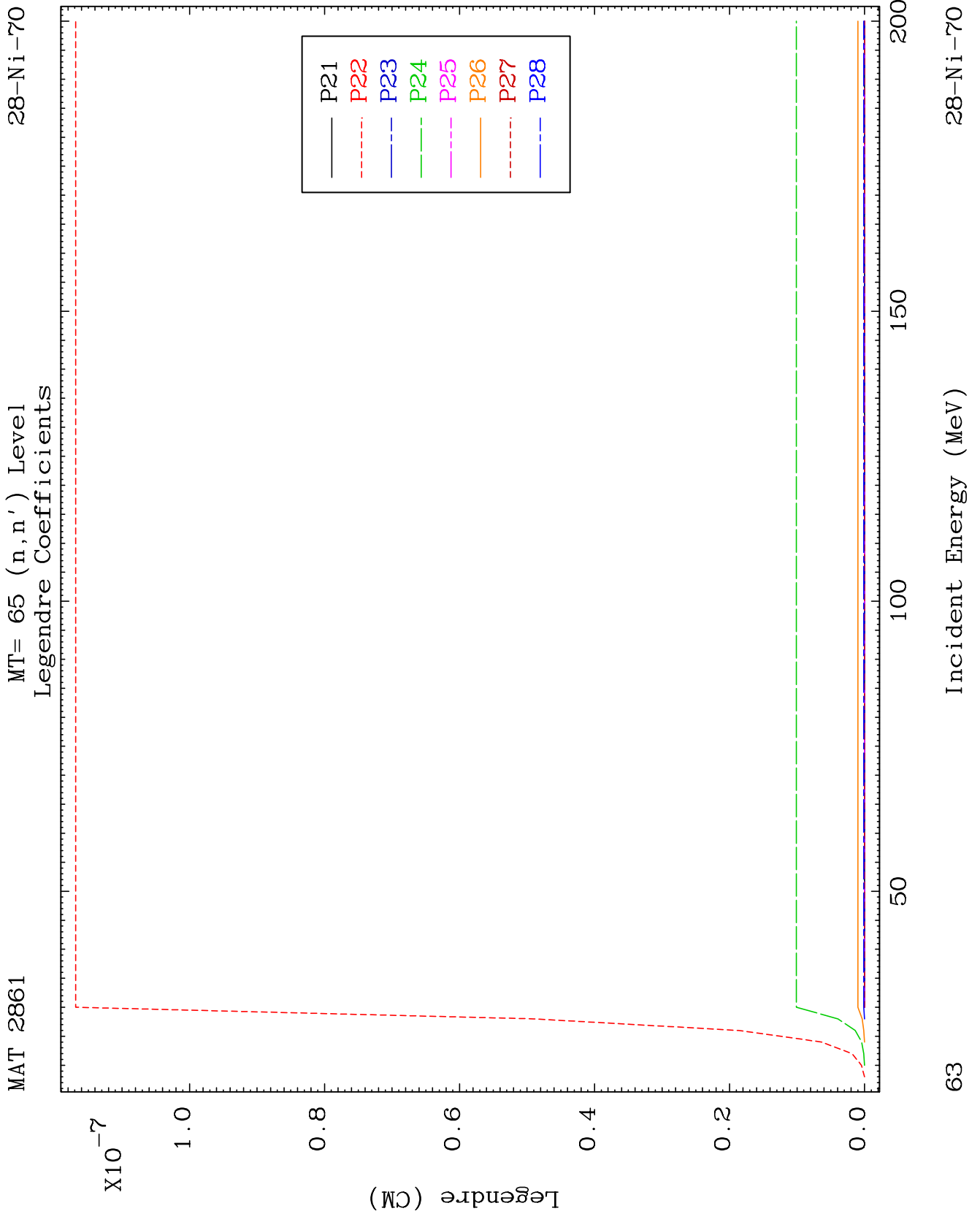


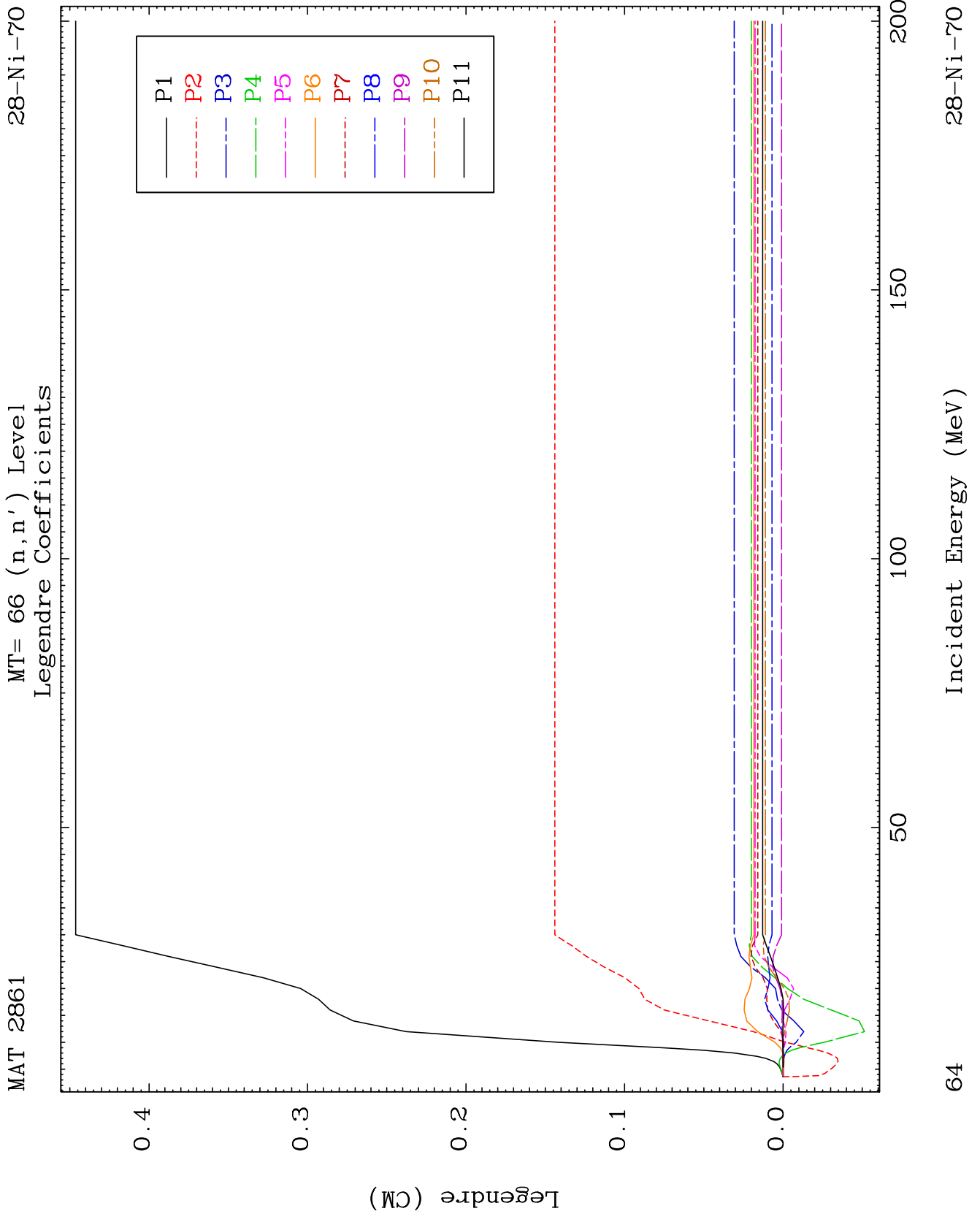








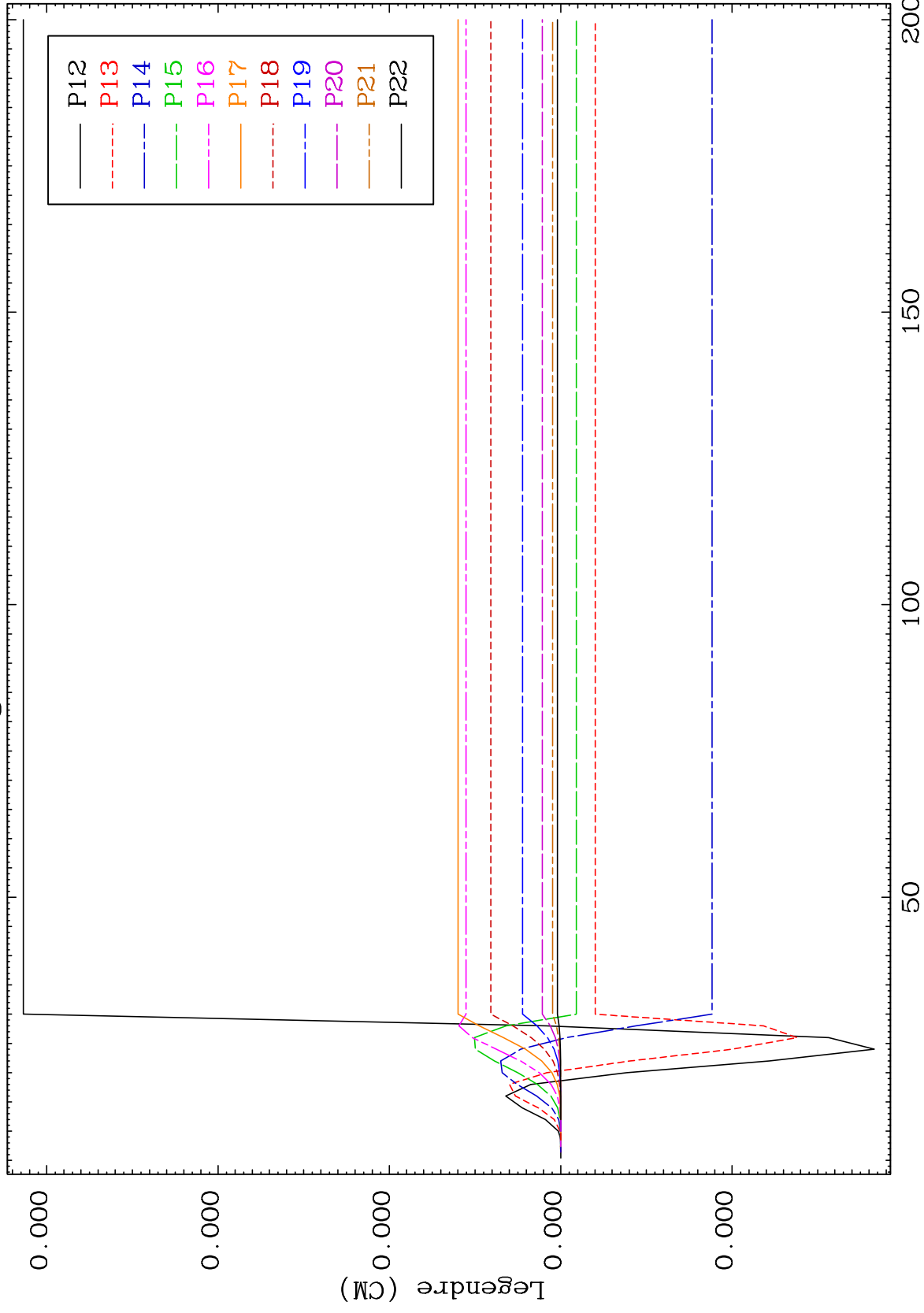




MAT 2861

MT= 66 (n,n') Level
Legendre Coefficients

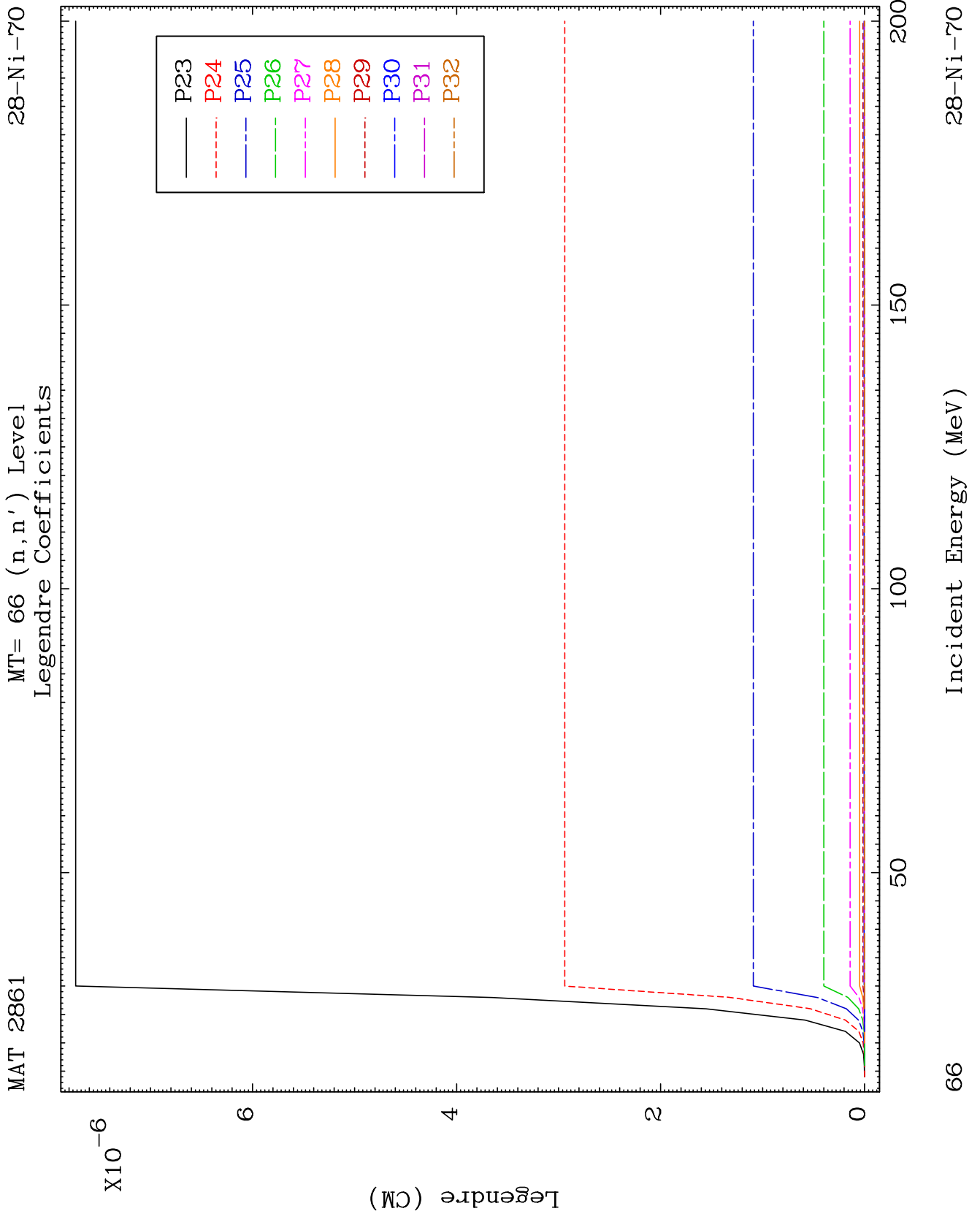
28-Ni-70



65

Incident Energy (MeV)

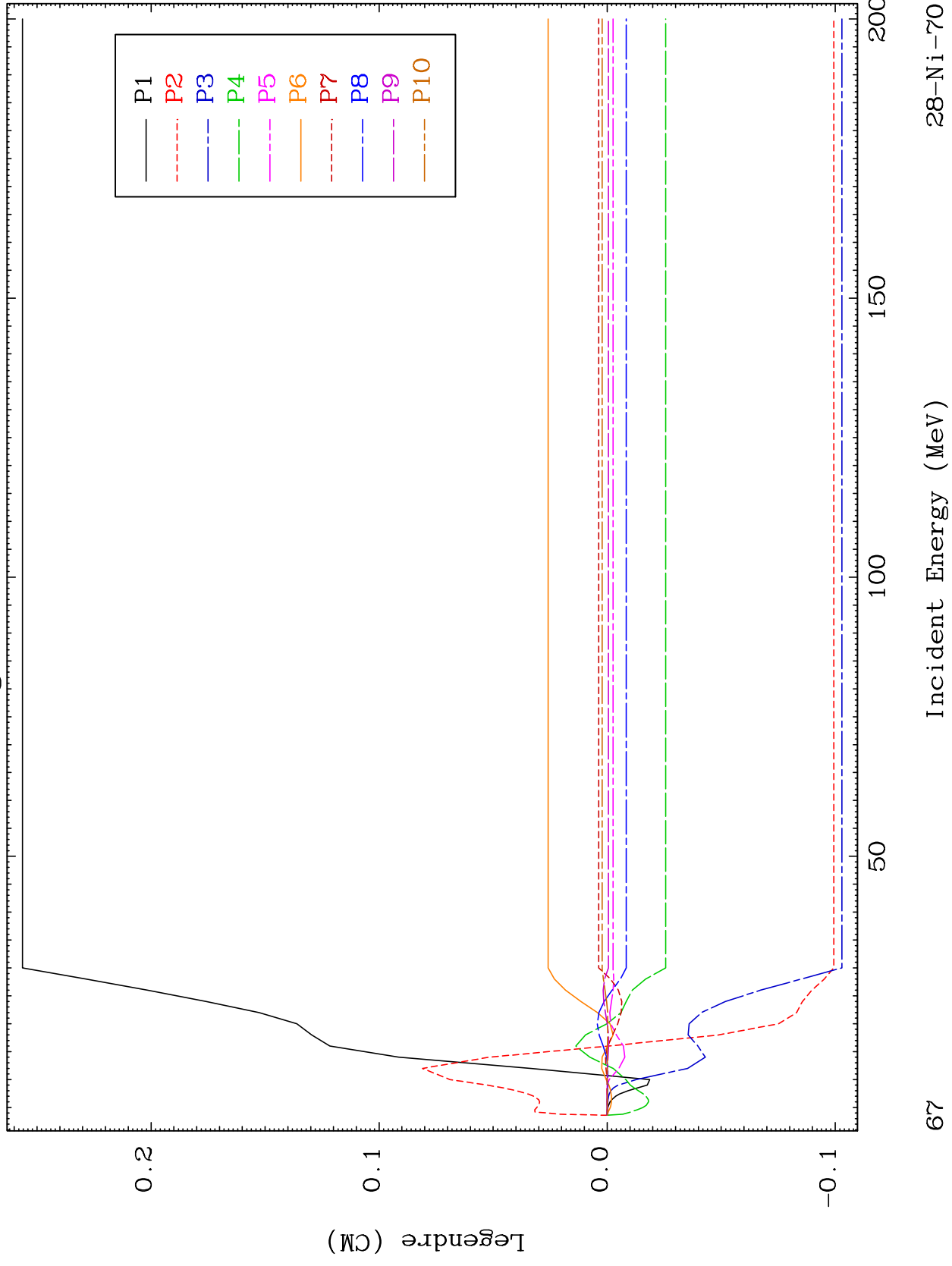
28-Ni-70



MAT 2861

MT= 67 (n,n') Level
Legendre Coefficients

28-Ni-70

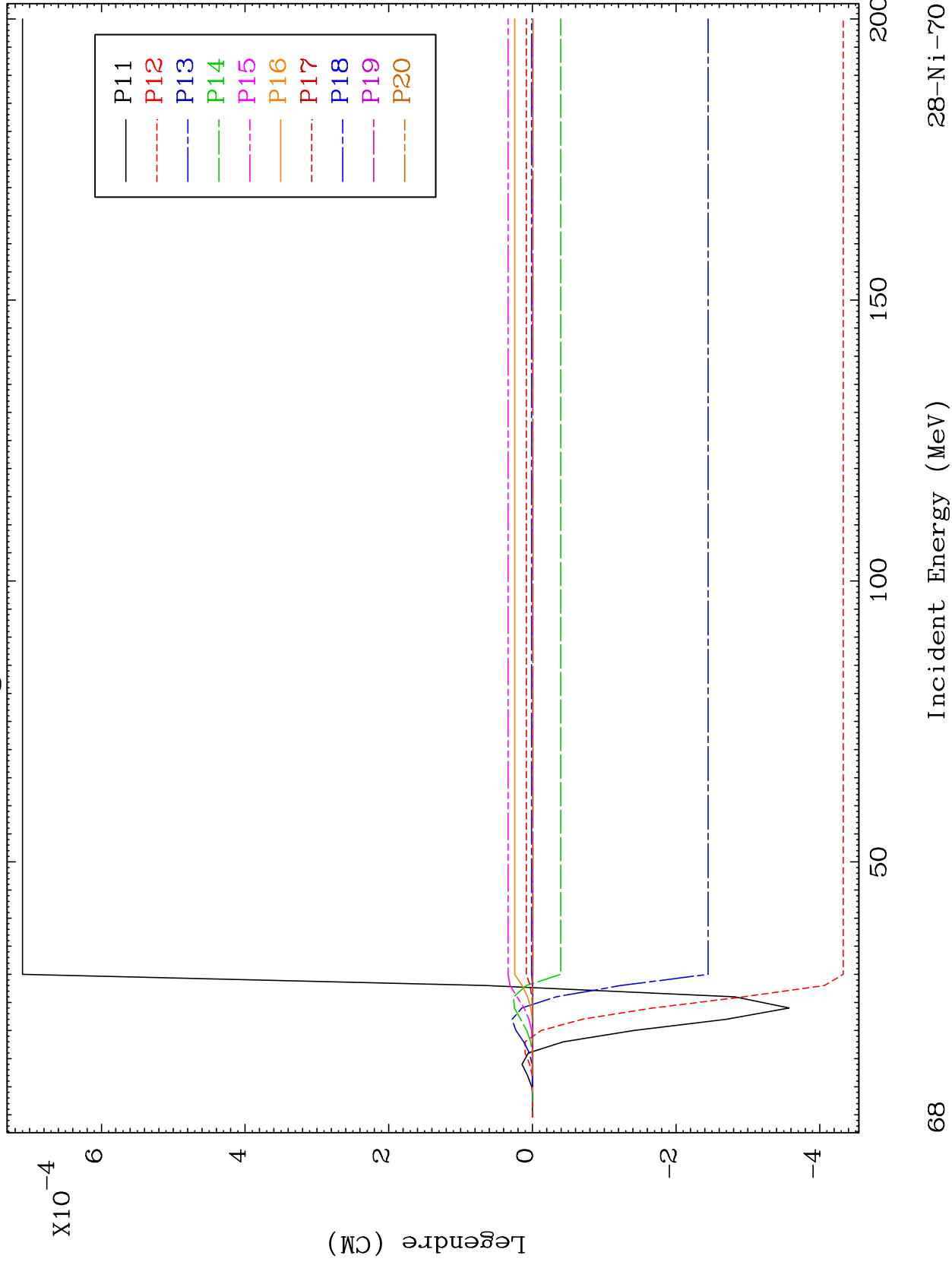


67

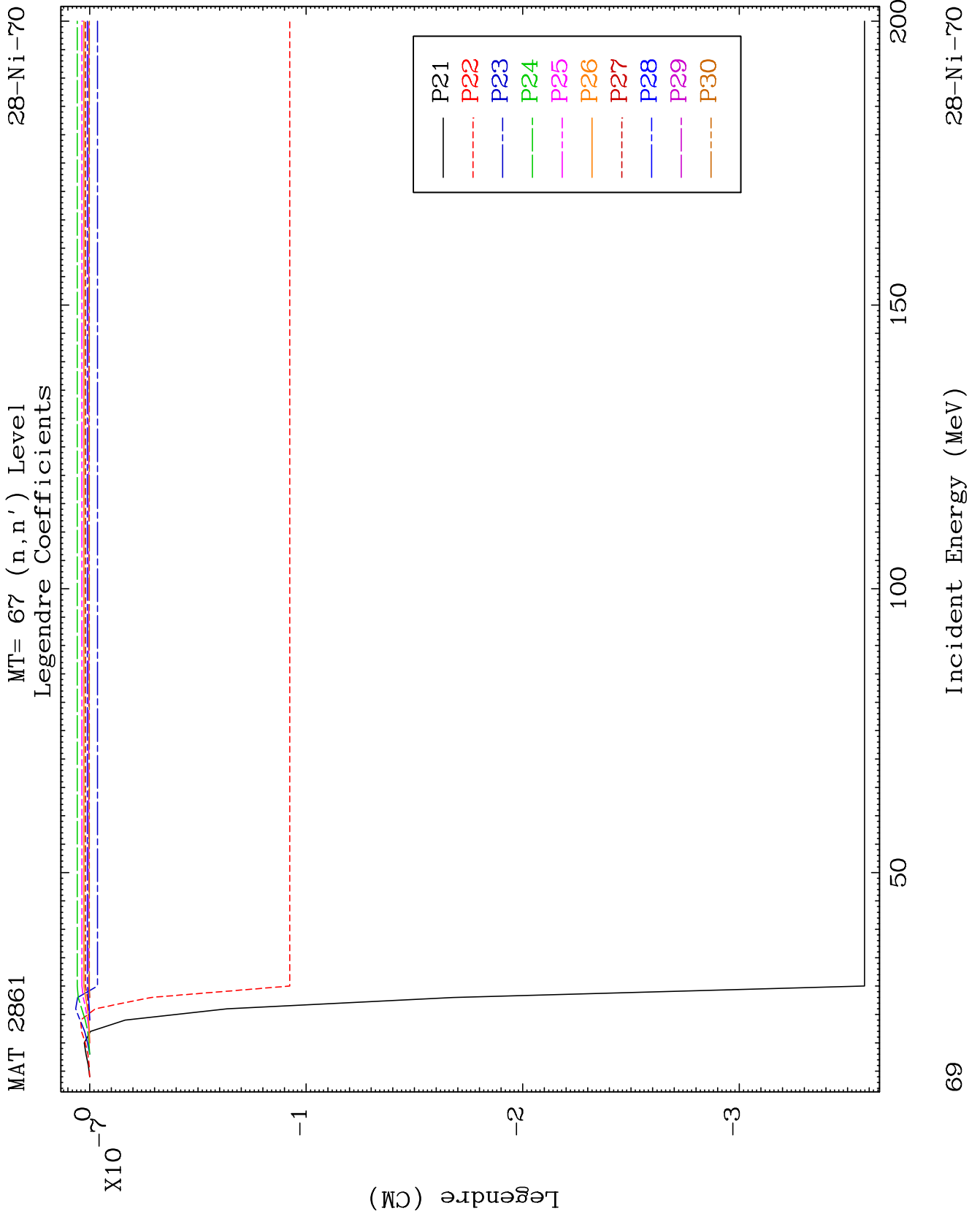
MAT 2861

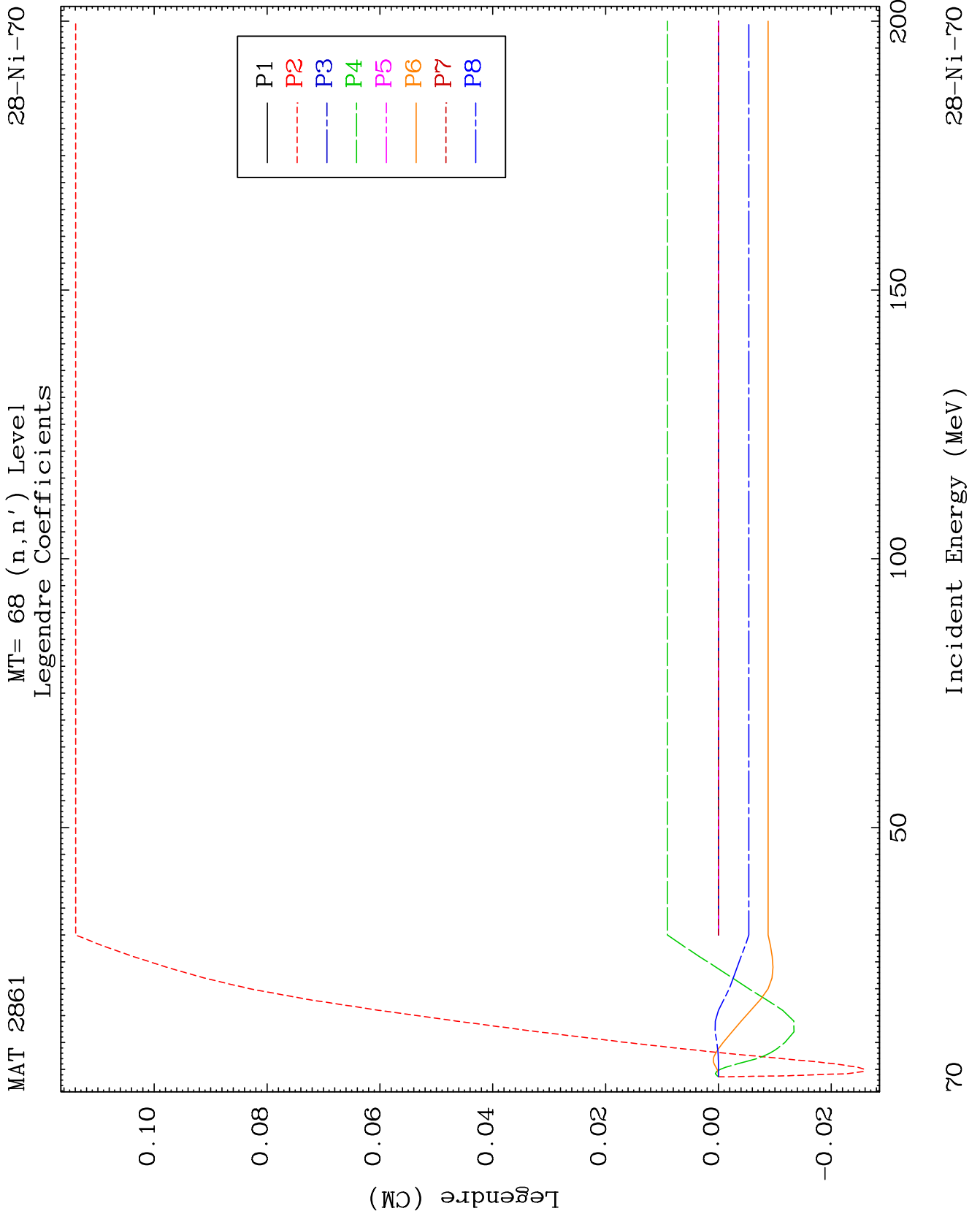
MT= 67 (n,n') Level
Legendre Coefficients

28-Ni-70



68

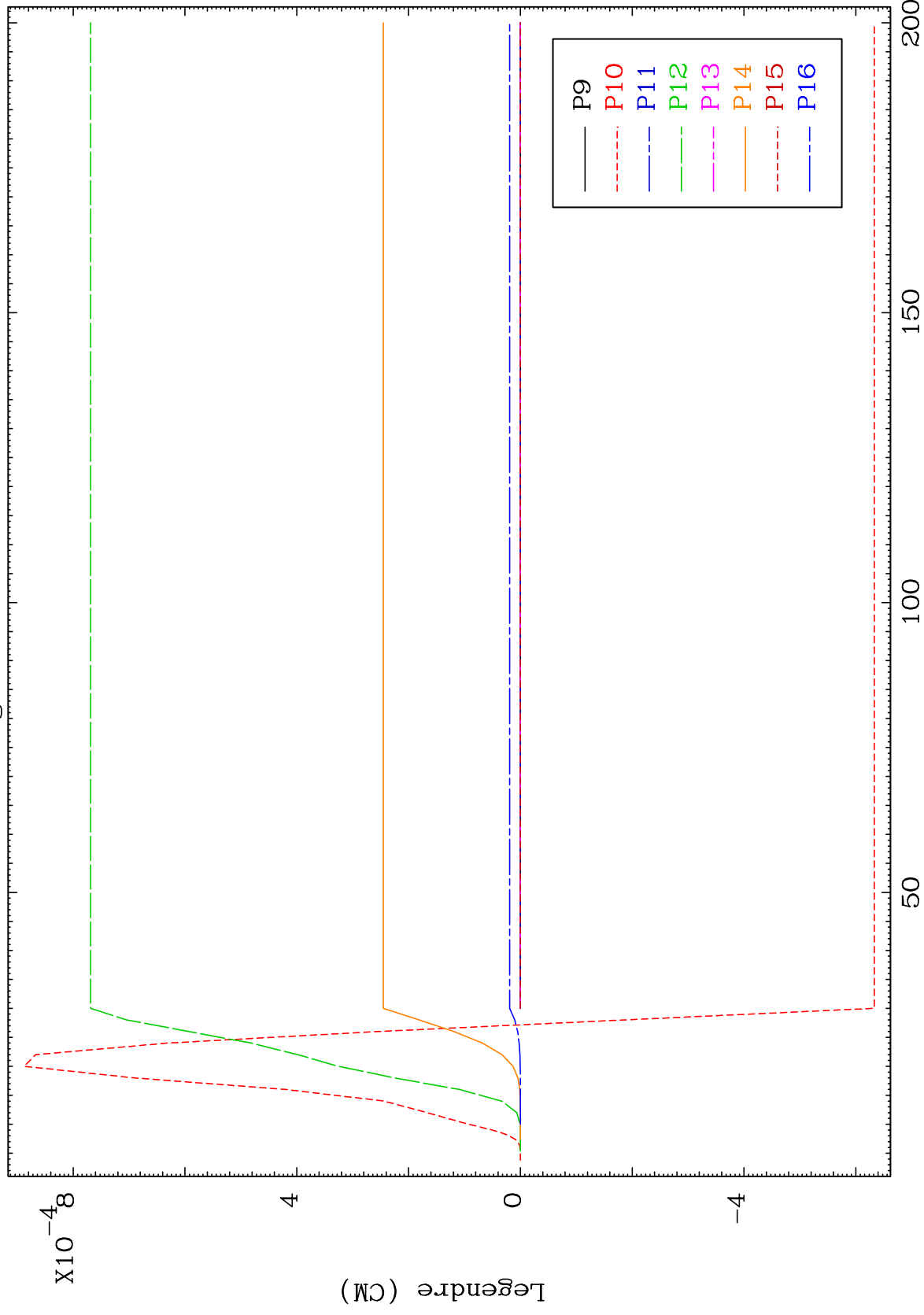




MAT 2861

MT= 68 (n,n') Level
Legendre Coefficients

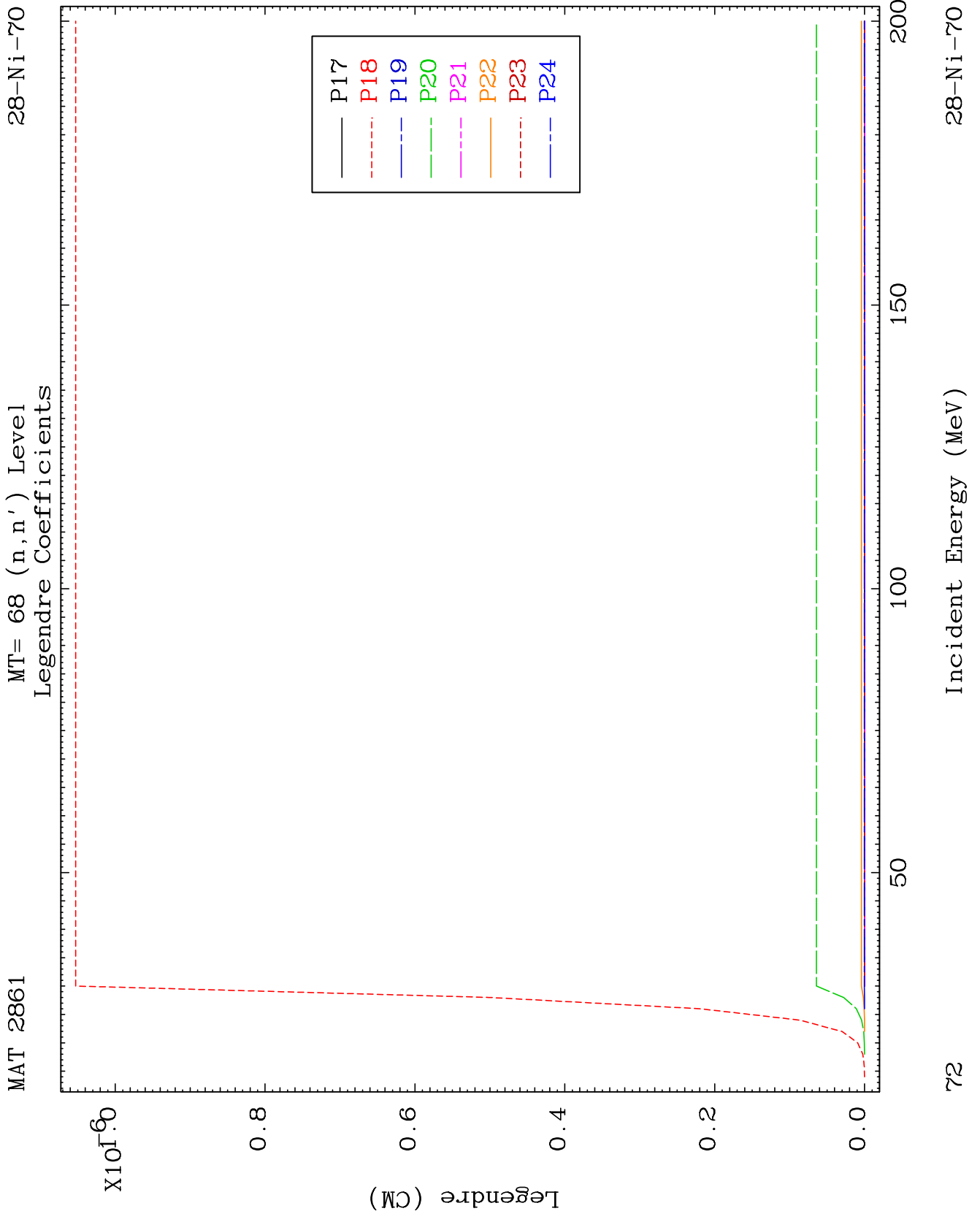
28-Ni-70



71

Incident Energy (MeV)

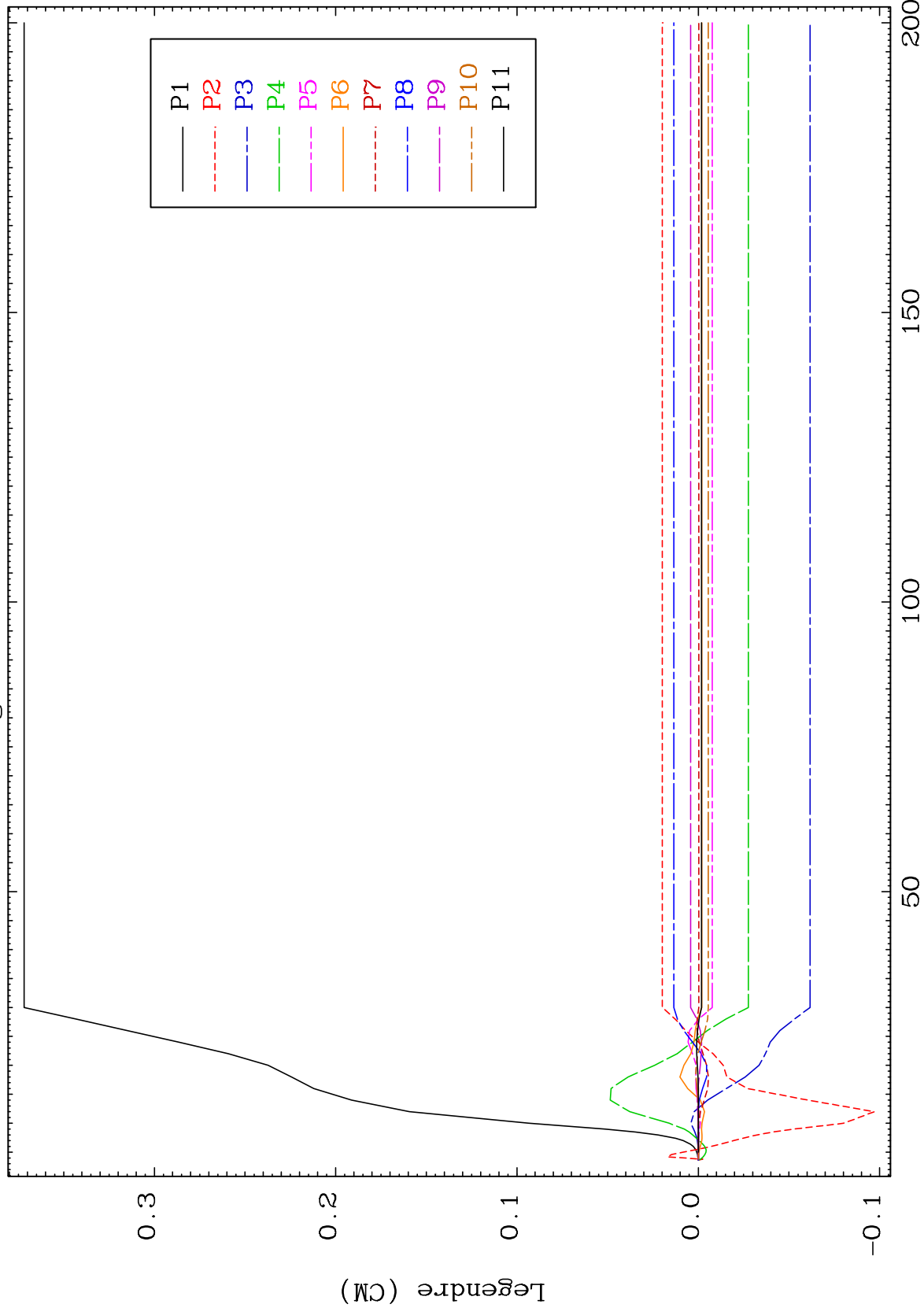
28-Ni-70



MAT 2861

MT= 69 (n,n') Level
Legendre Coefficients

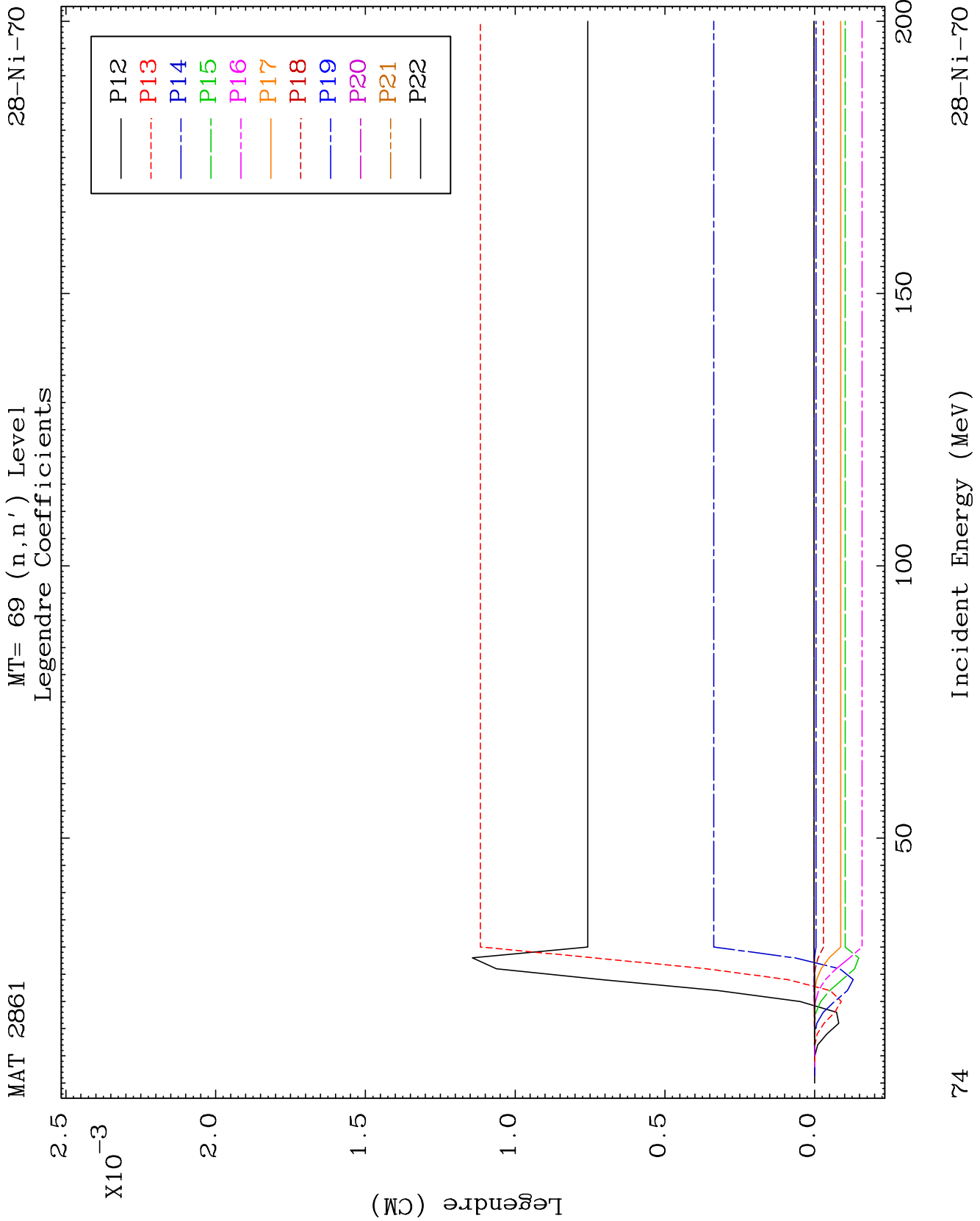
28-Ni-70

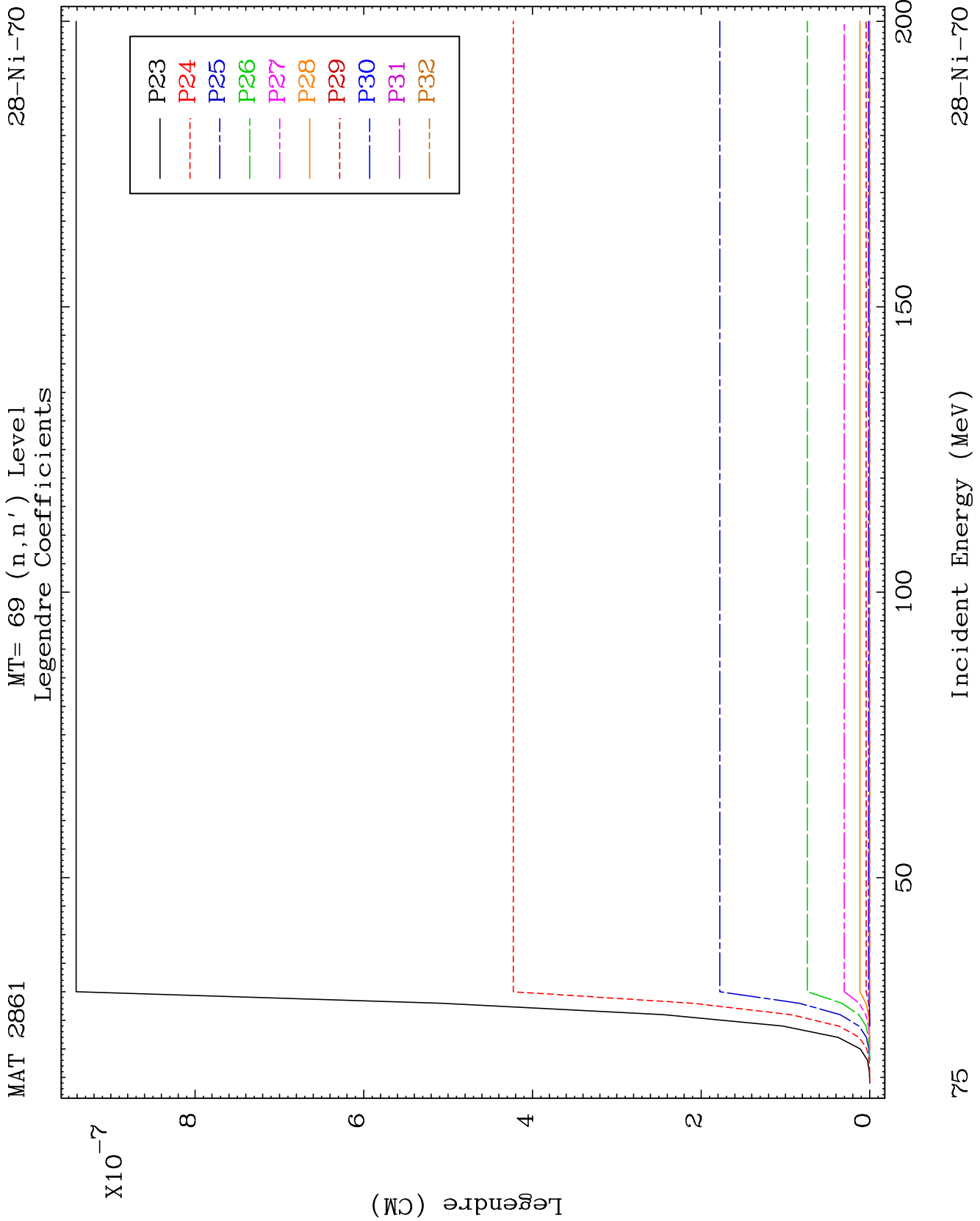


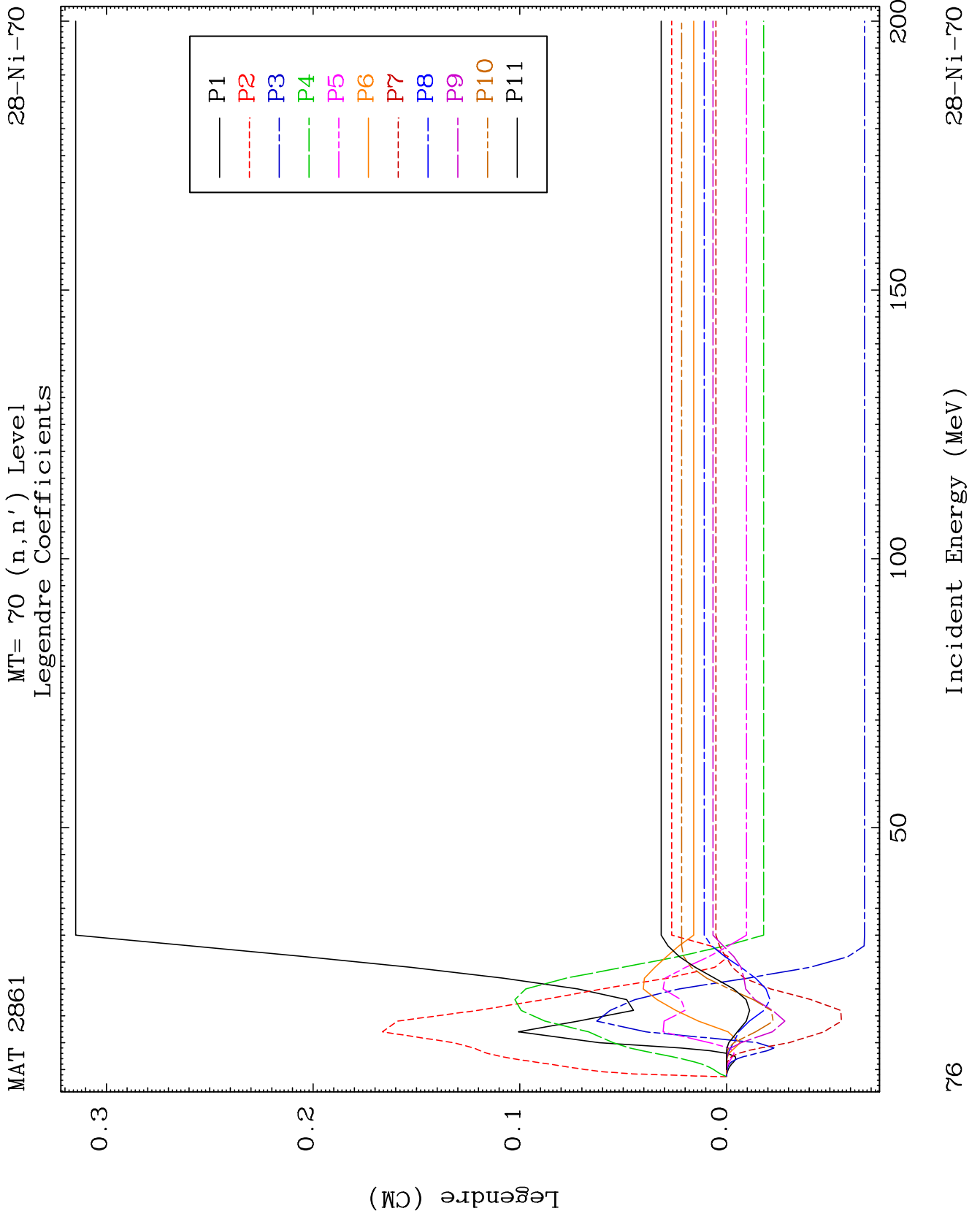
73

Incident Energy (MeV)

28-Ni-70



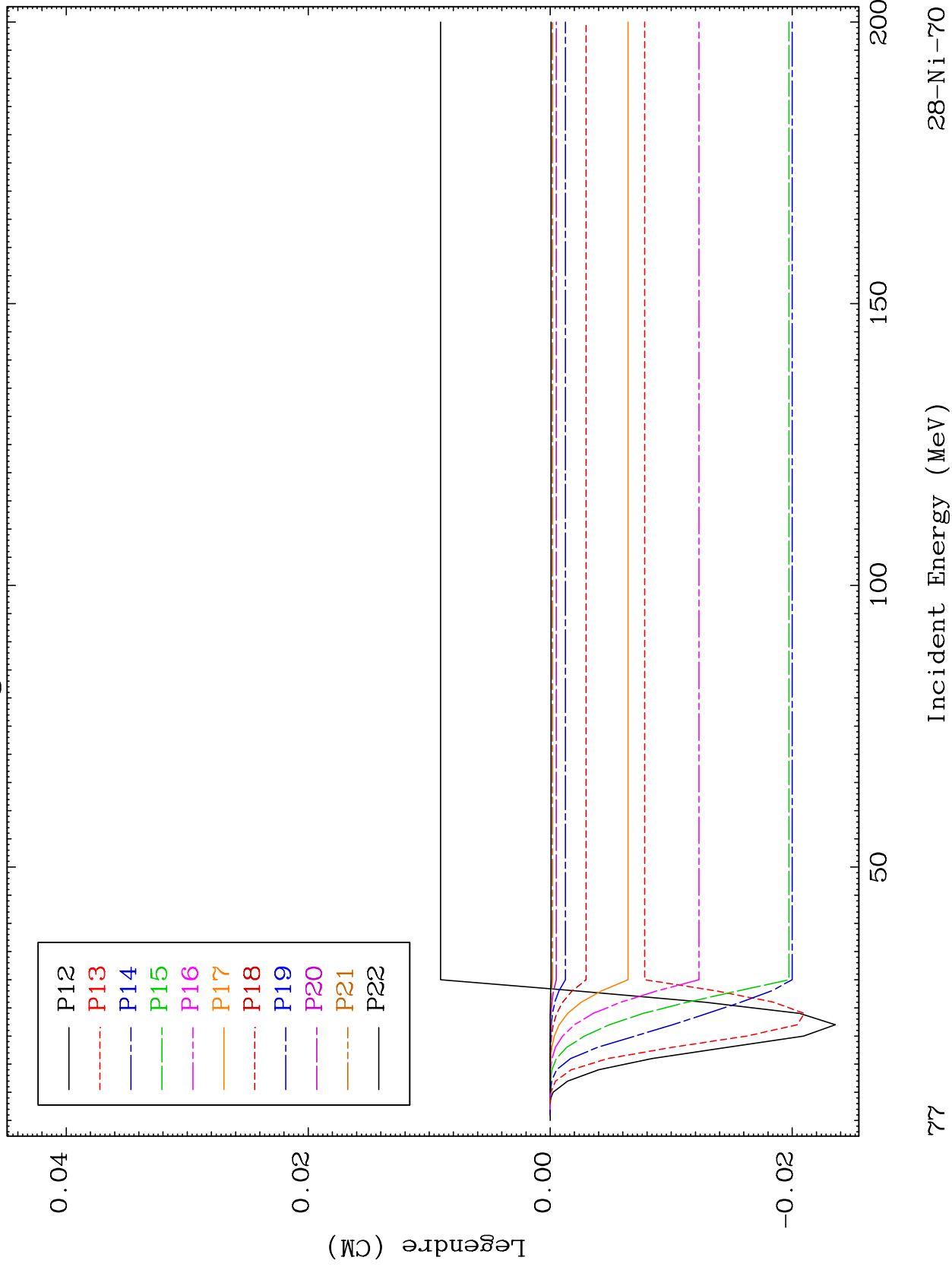




MAT 2861

MT= 70 (n,n') Level
Legendre Coefficients

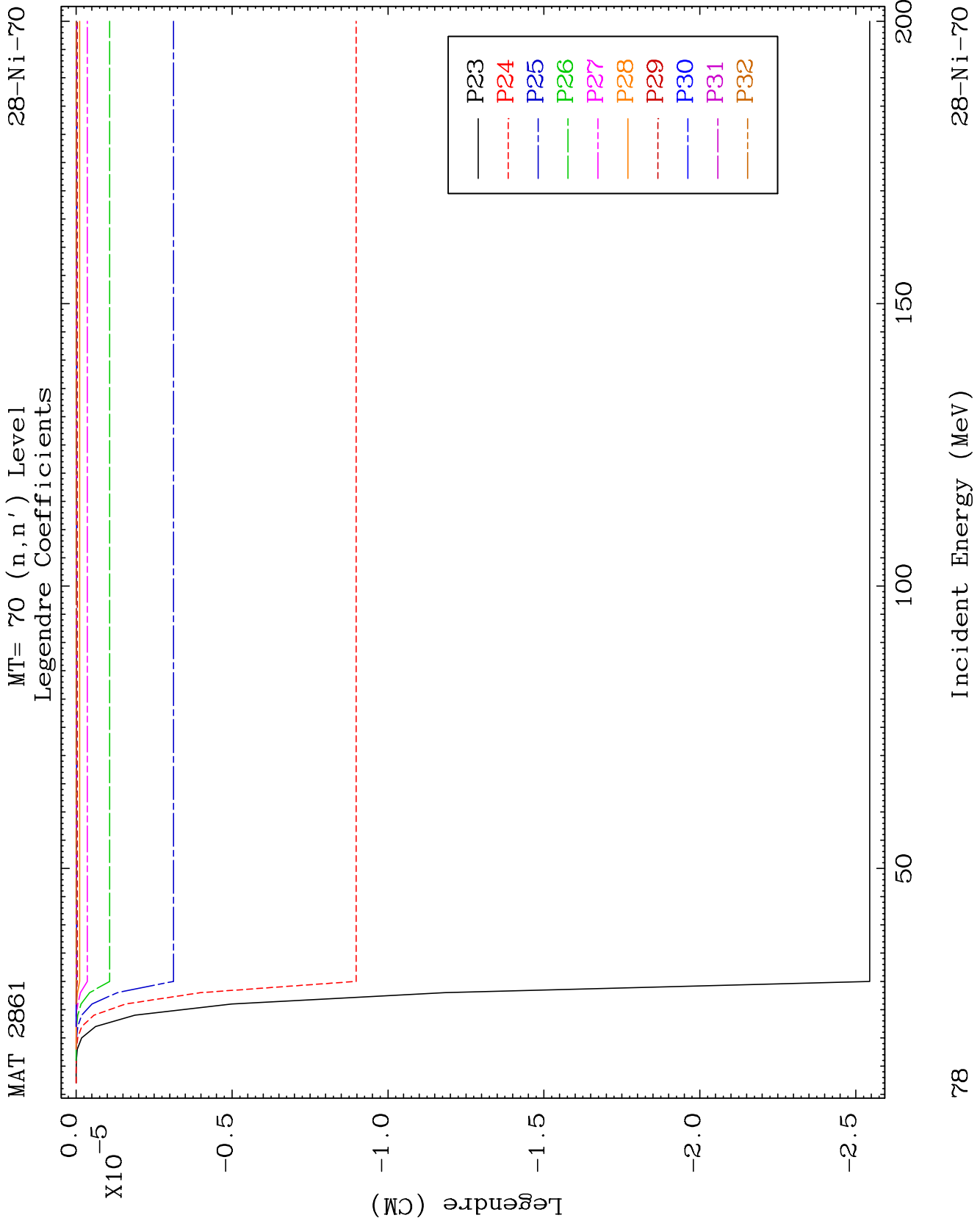
28-Ni-70

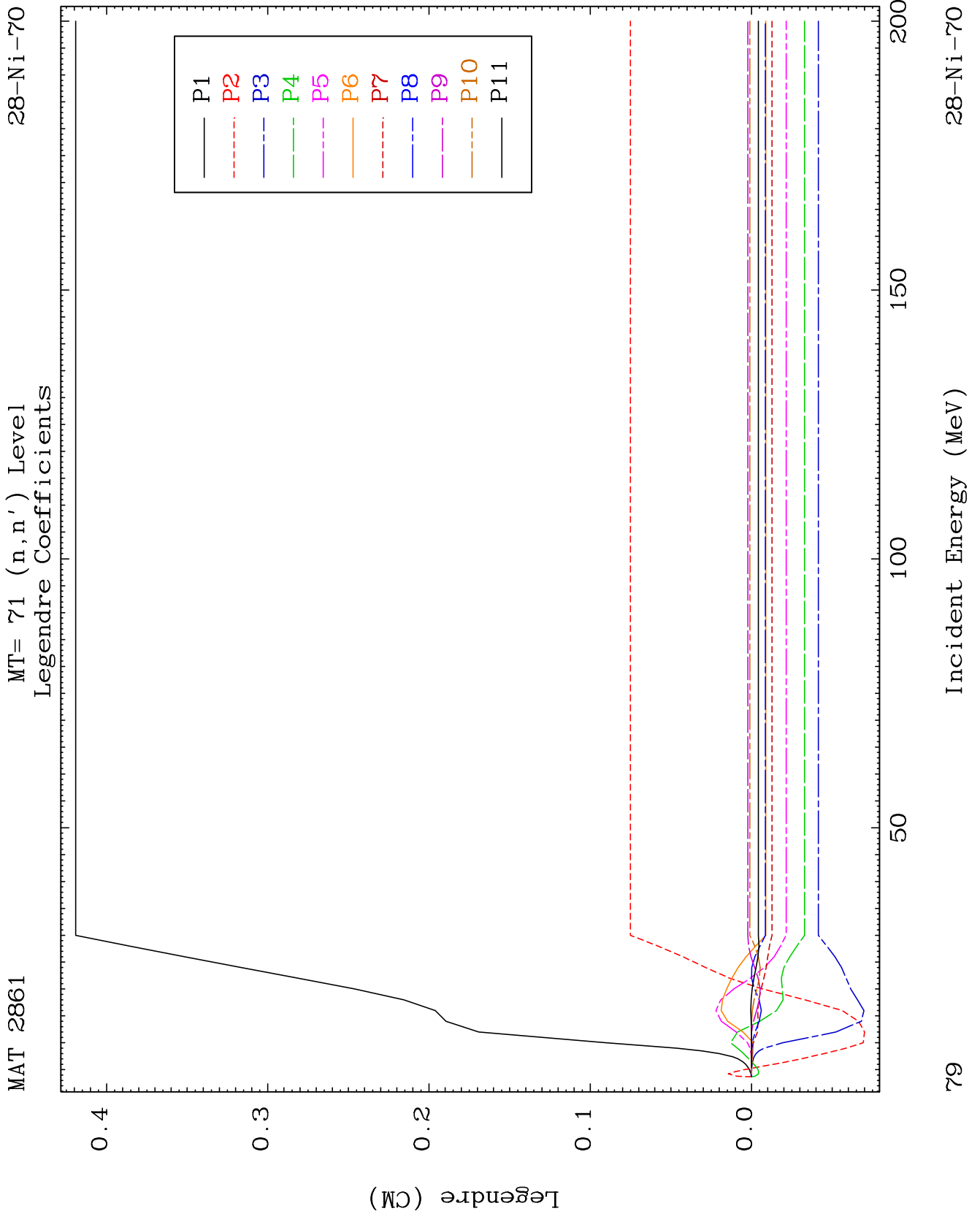


77

Incident Energy (MeV)

28-Ni-70

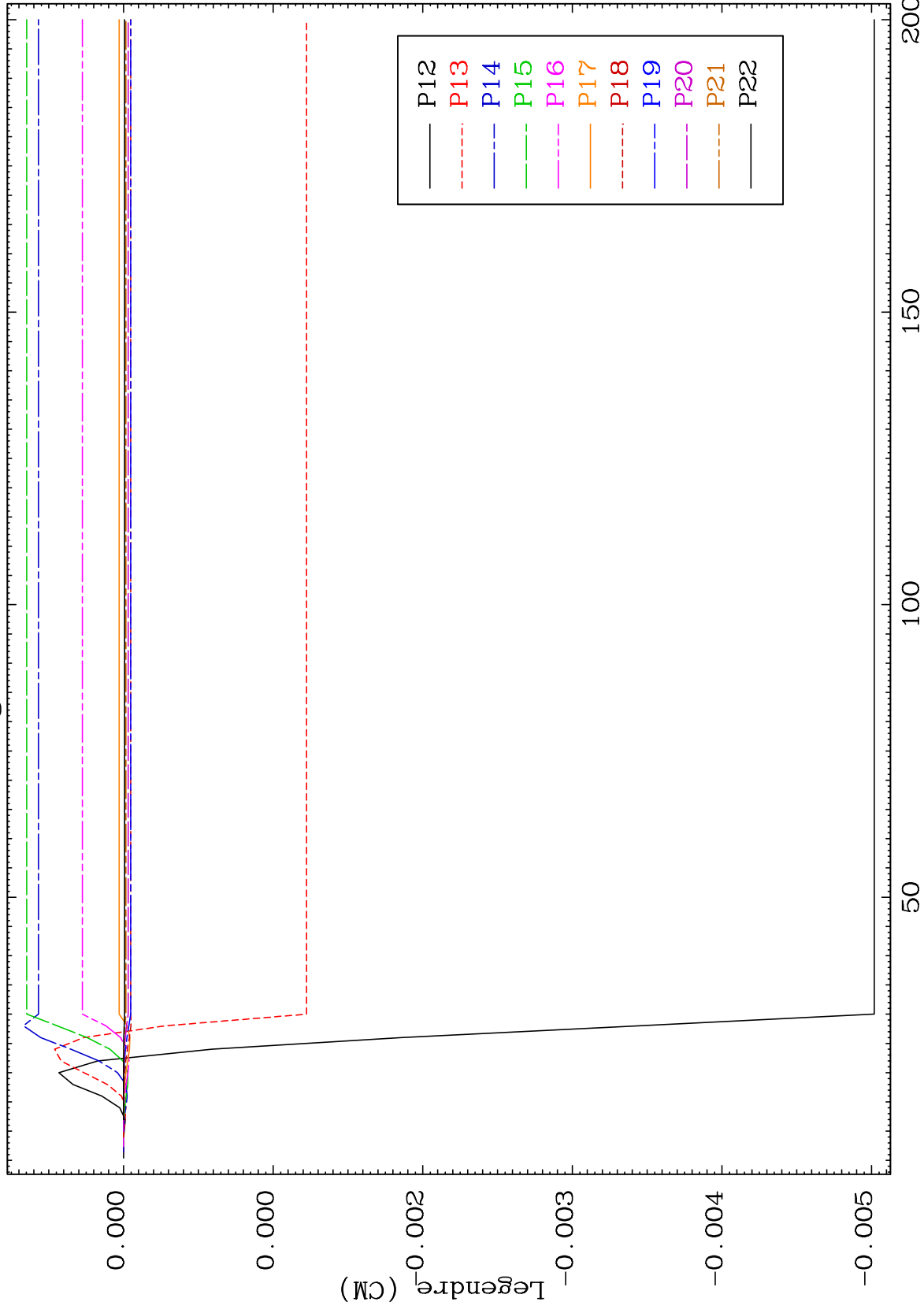




MAT 2861

MT= 71 (n,n') Level
Legendre Coefficients

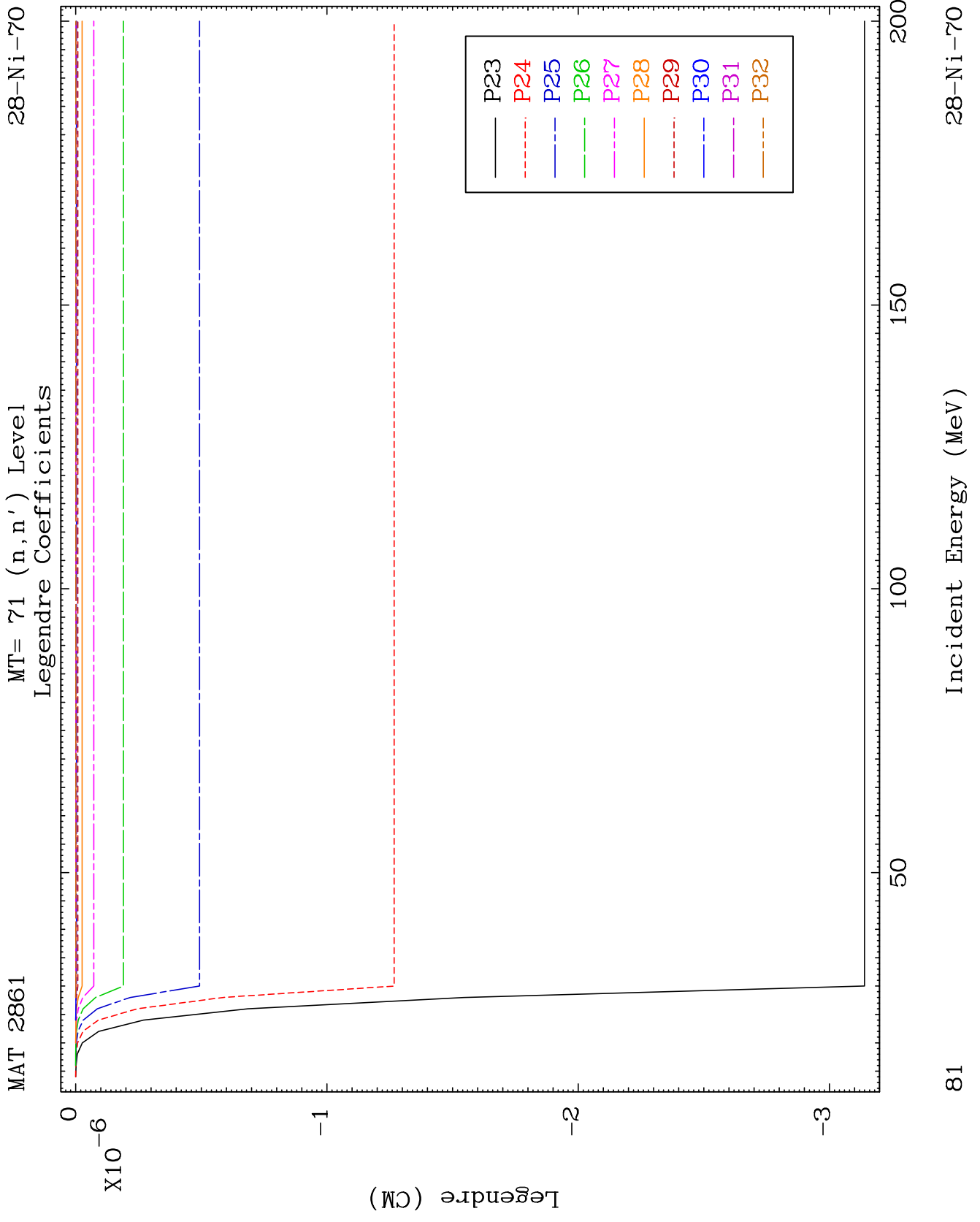
28-Ni-70



80

Incident Energy (MeV)

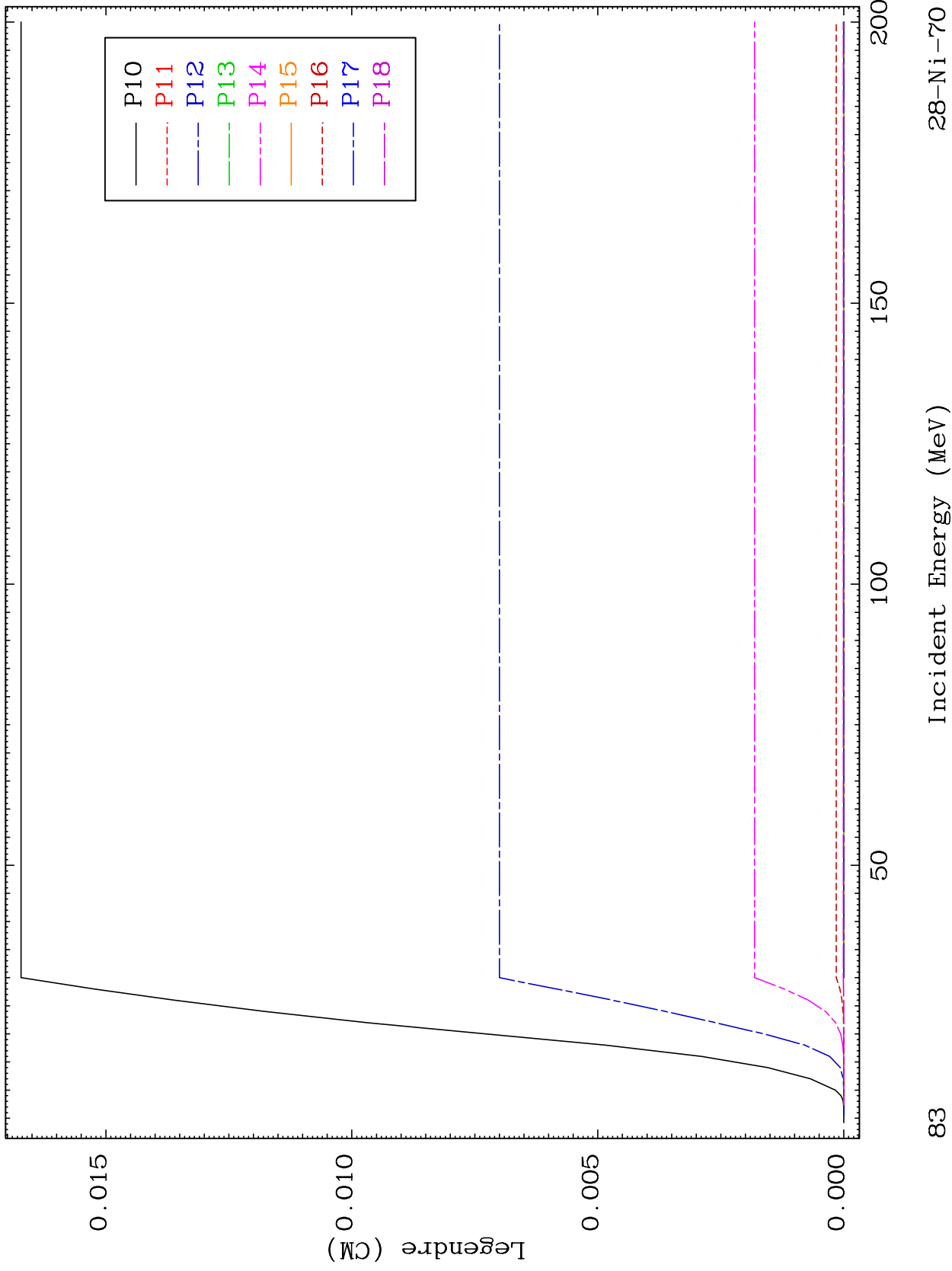
28-Ni-70



MAT 2861

MT= 72 (n,n') Level
Legendre Coefficients

28-Ni-70



83

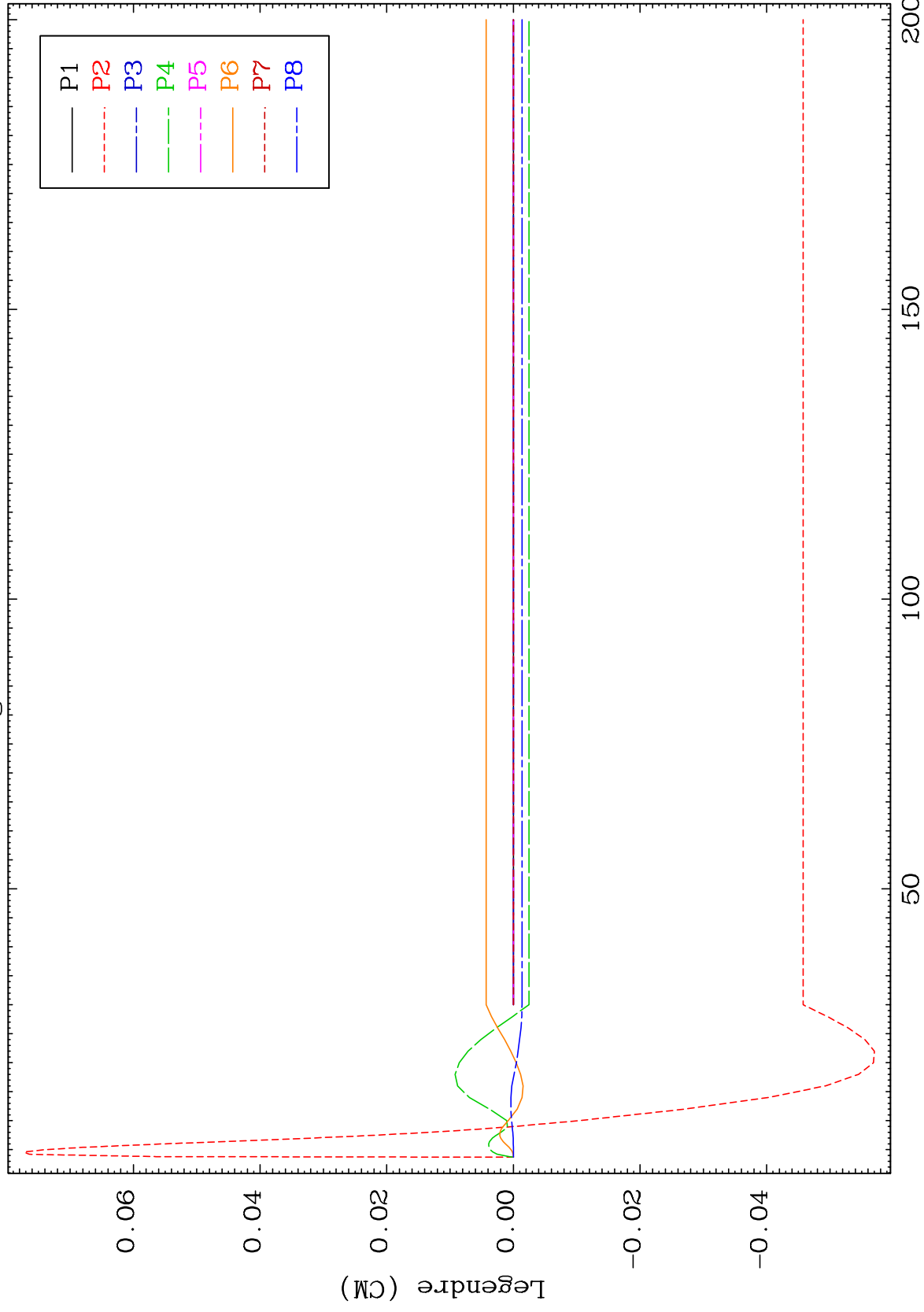
Incident Energy (MeV)

28-Ni-70

MAT 2861

MT= 73 (n,n') Level
Legendre Coefficients

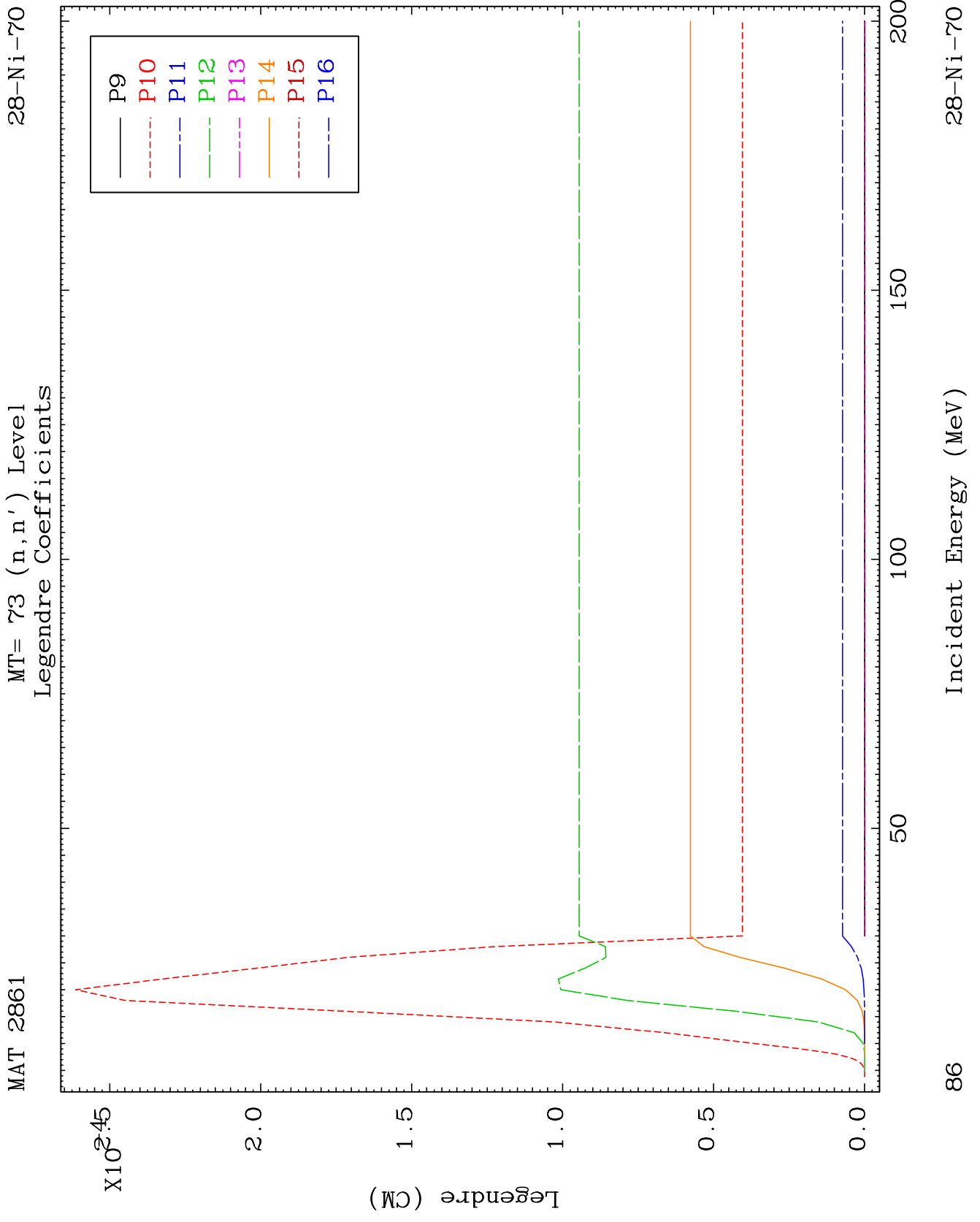
28-Ni-70



85

Incident Energy (MeV)

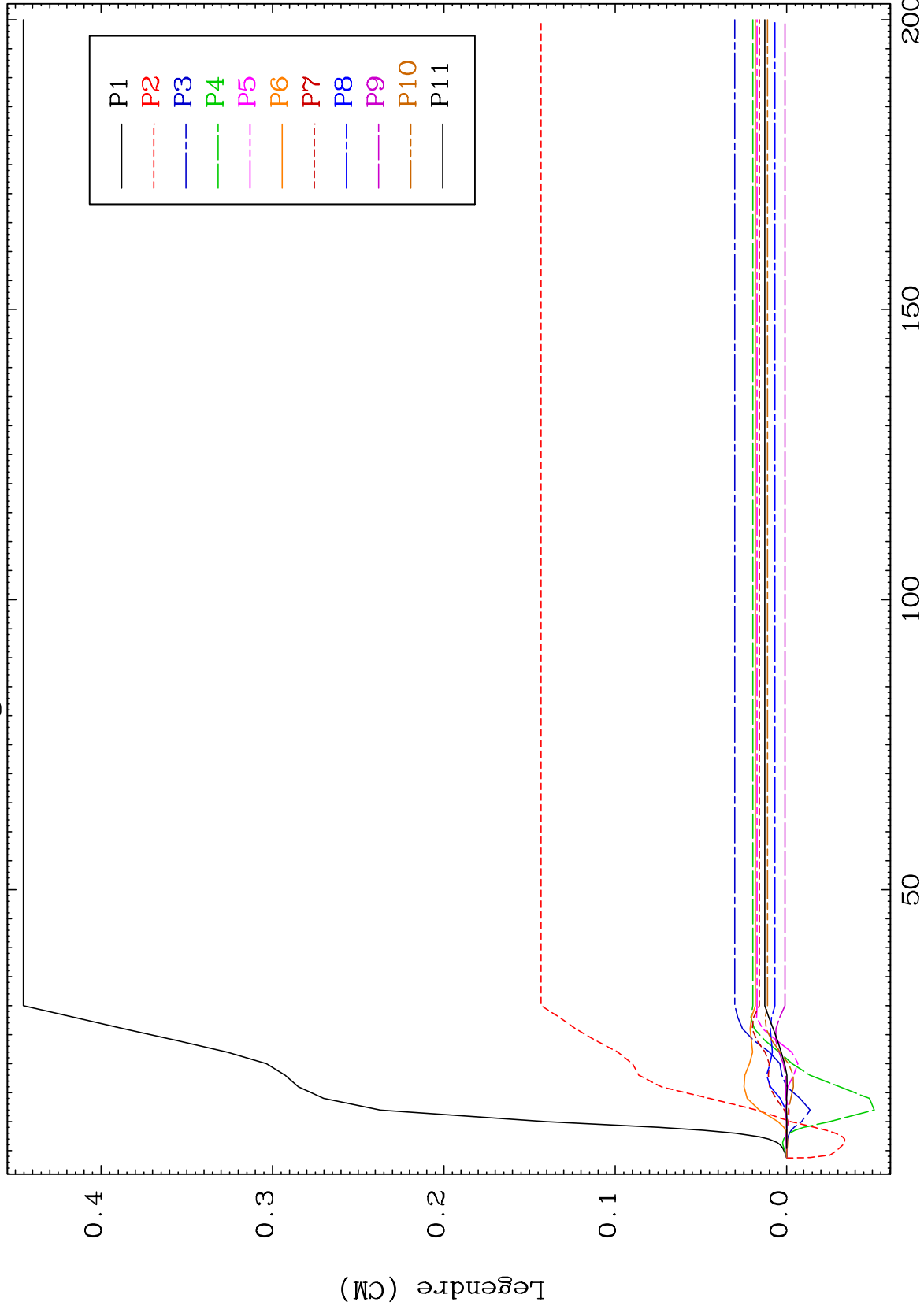
28-Ni-70



MAT 2861

MT= 74 (n,n') Level
Legendre Coefficients

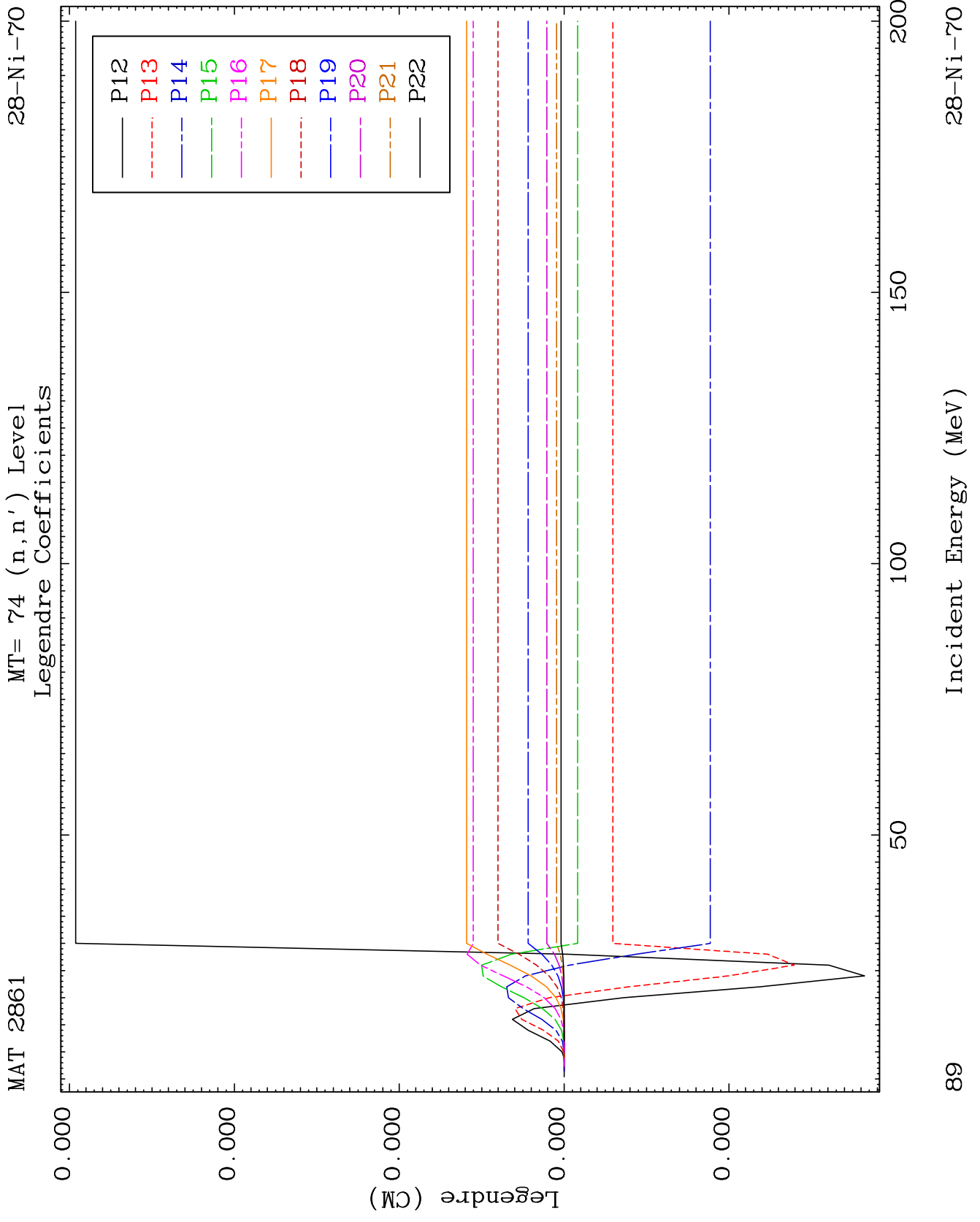
28-Ni-70



88

Incident Energy (MeV)

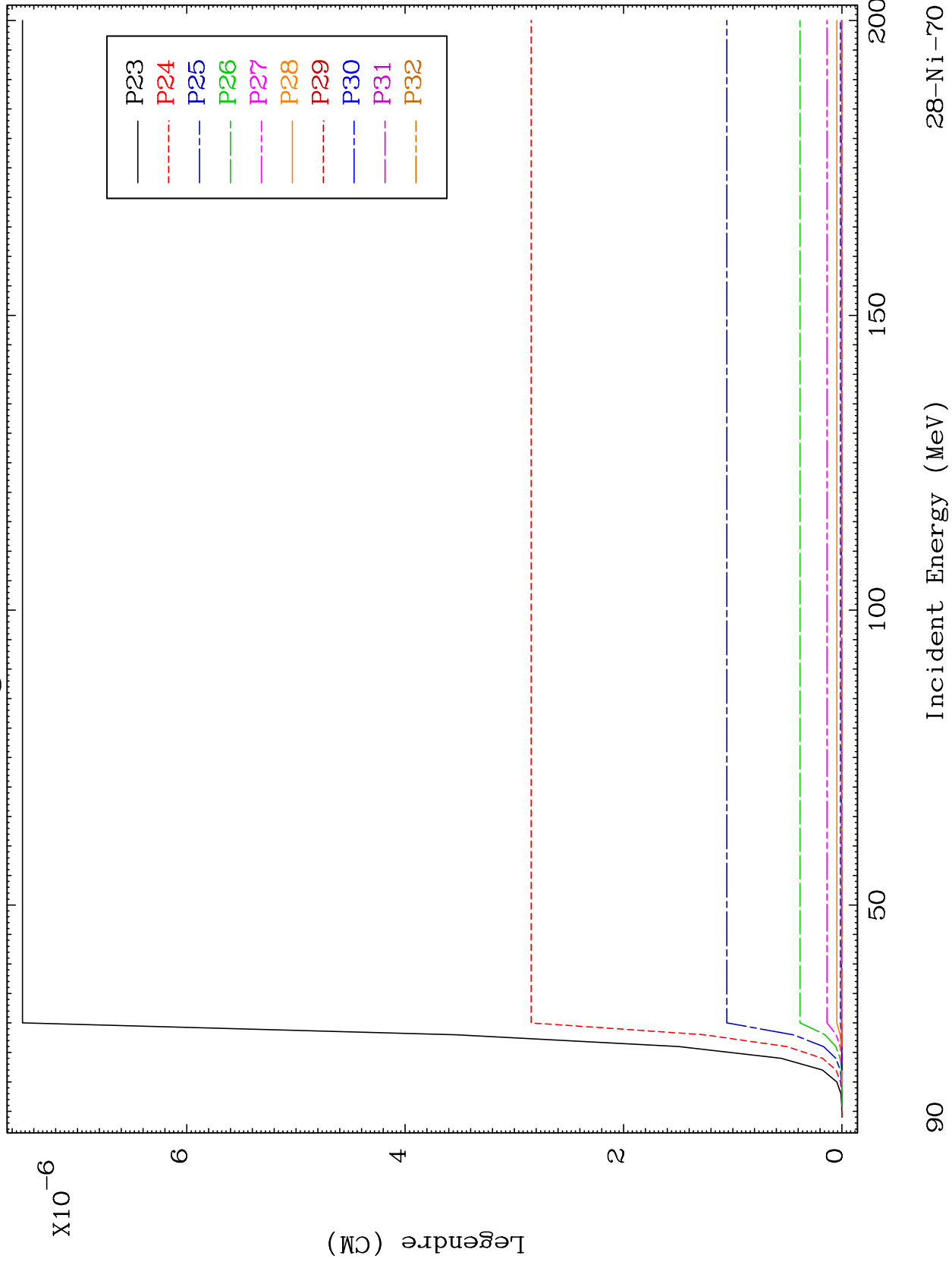
28-Ni-70

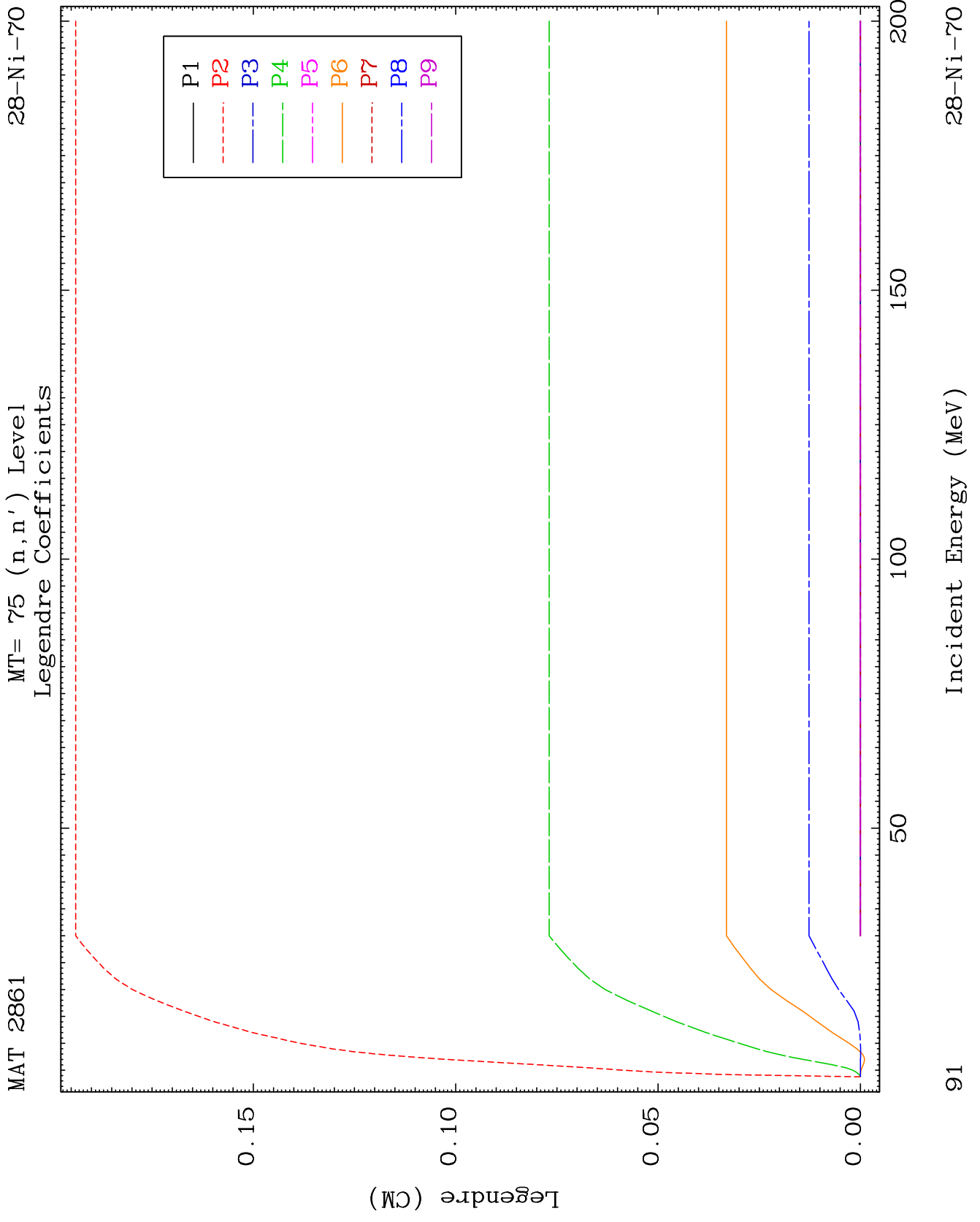


MAT 2861

MT= 74 (n,n') Level
Legendre Coefficients

28-Ni-70

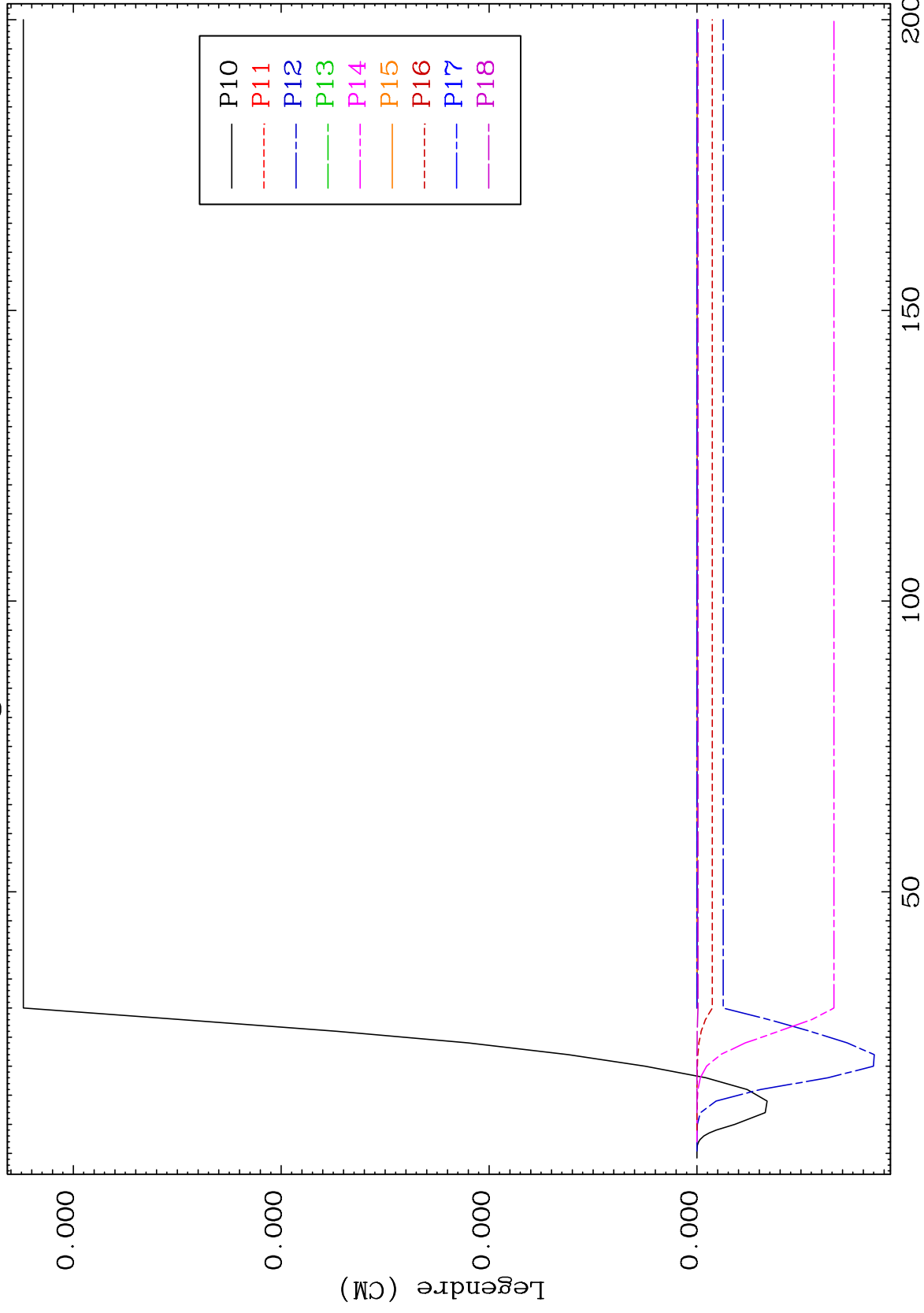




MAT 2861

MT= 75 (n,n') Level
Legendre Coefficients

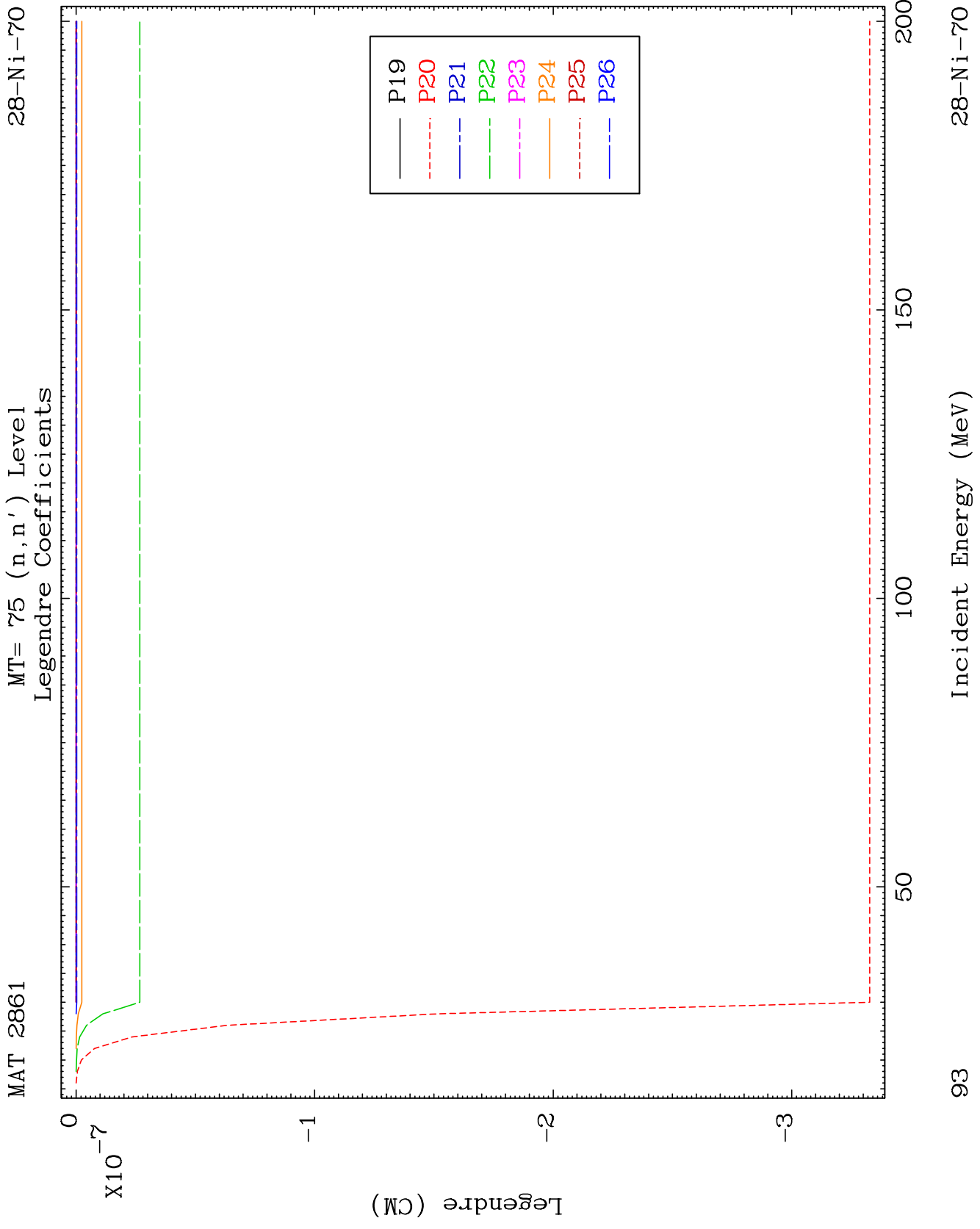
28-Ni-70



92

Incident Energy (MeV)

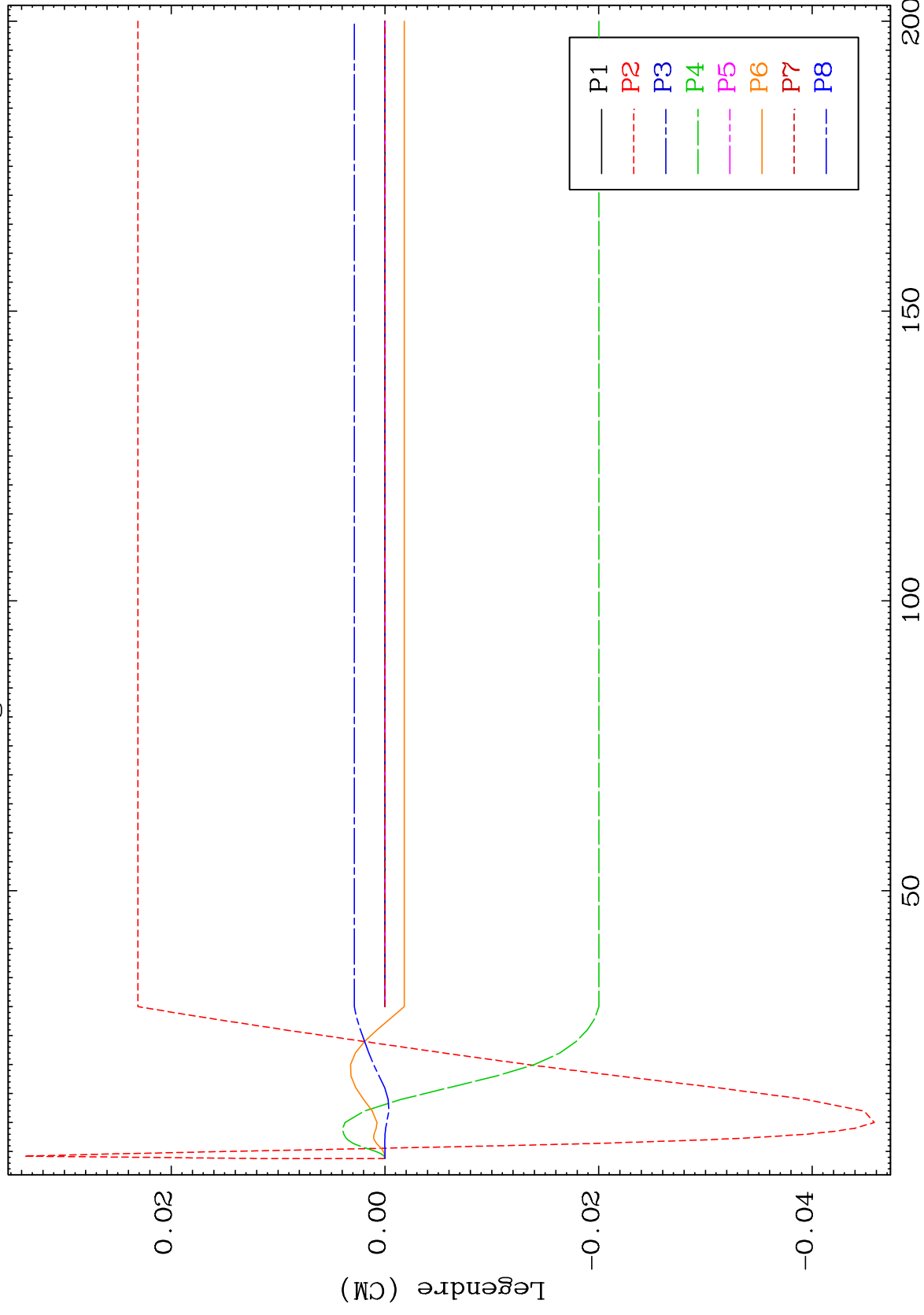
28-Ni-70



MAT 2861

MT= 76 (n,n') Level
Legendre Coefficients

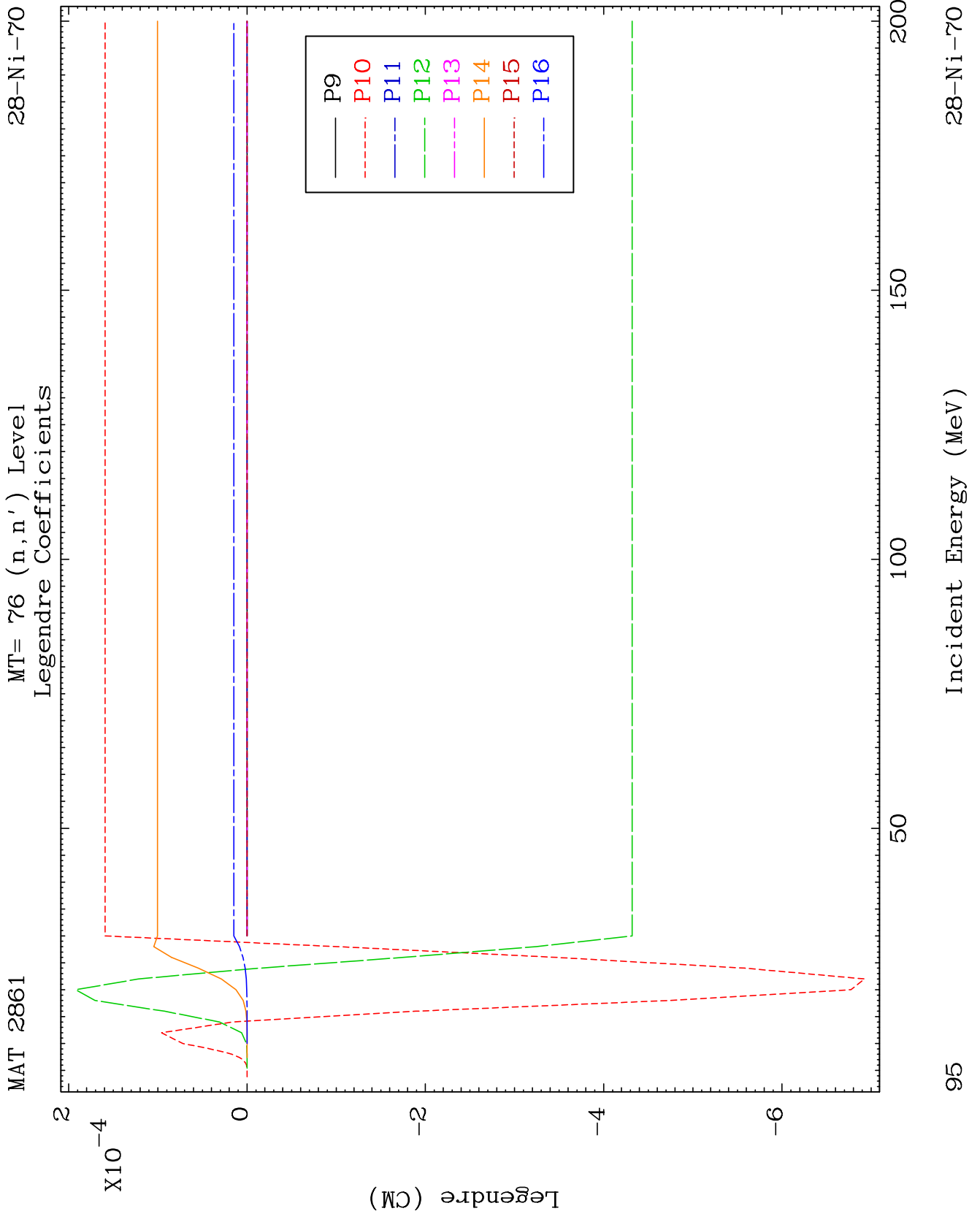
28-Ni-70

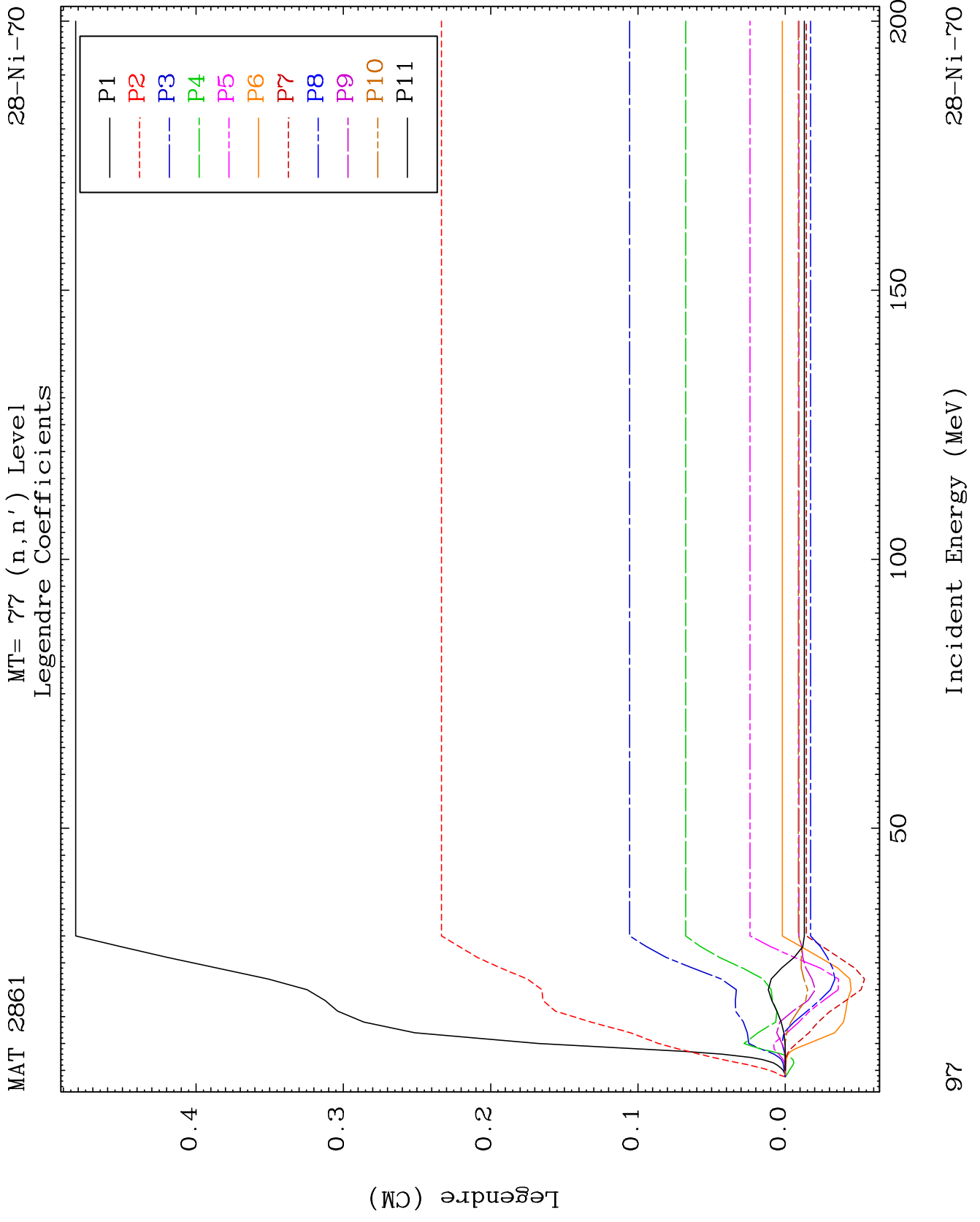


94

Incident Energy (MeV)

28-Ni-70

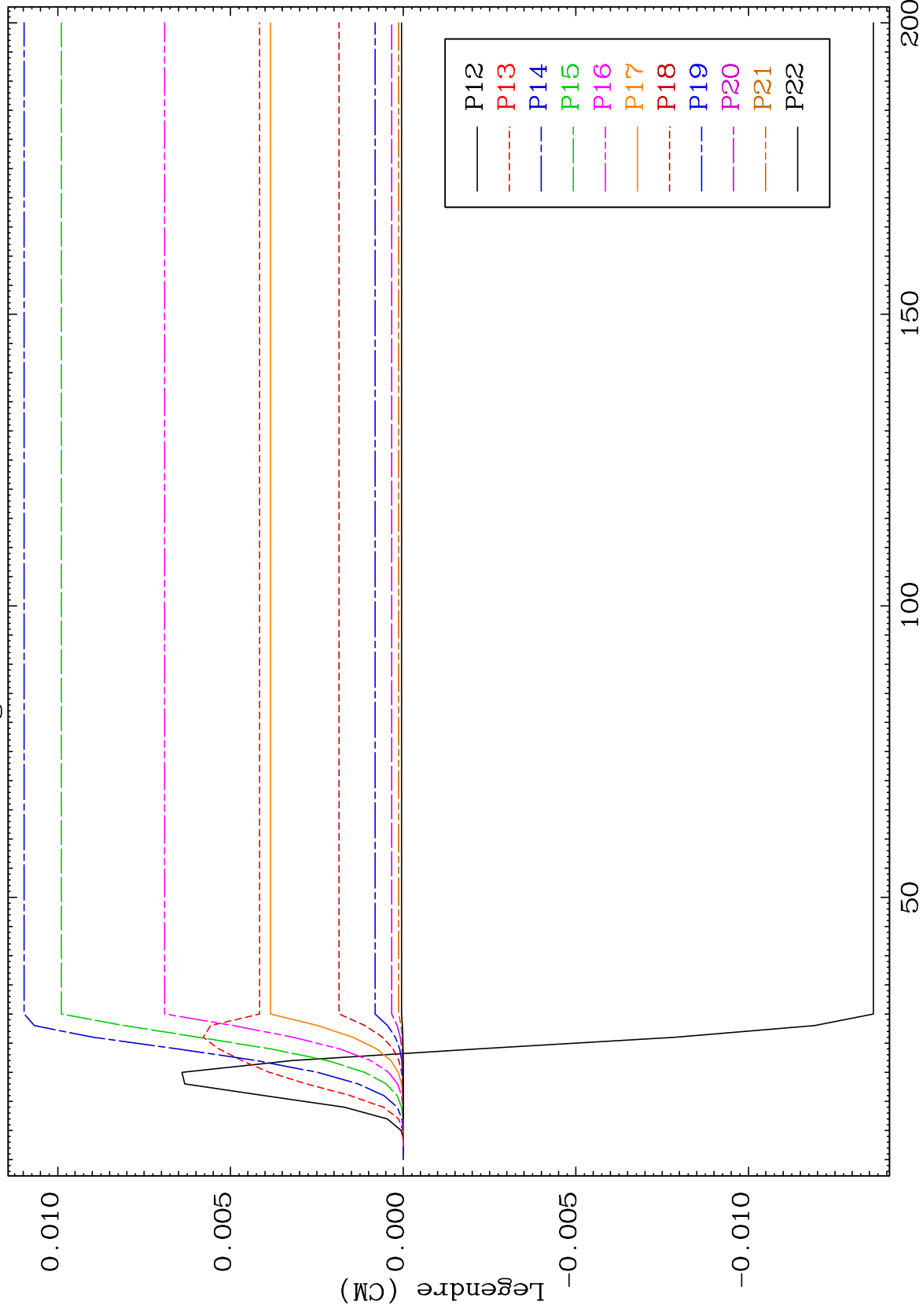




MAT 2861

MT= 77 (n,n') Level
Legendre Coefficients

28-Ni-70



98

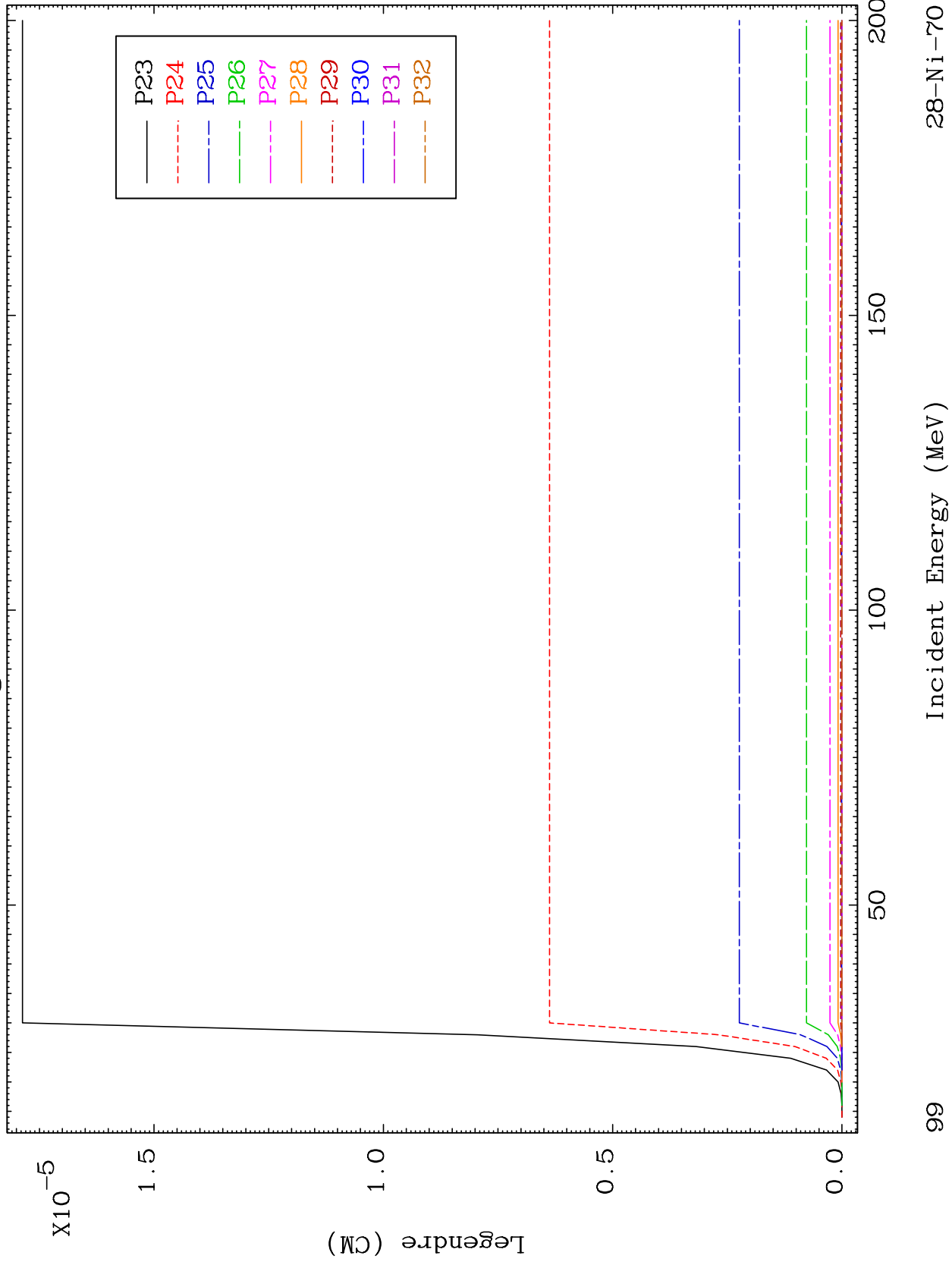
Incident Energy (MeV)

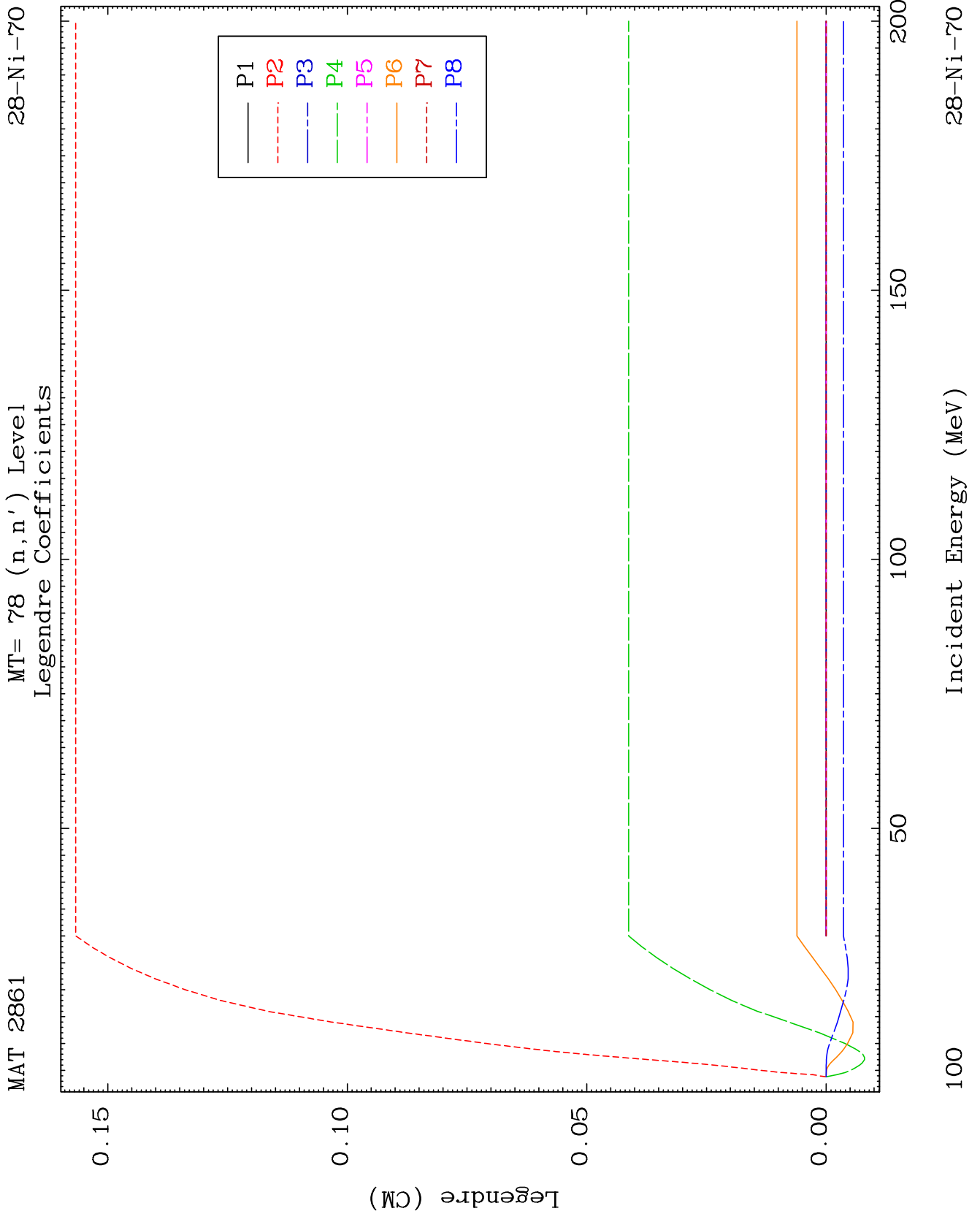
28-Ni-70

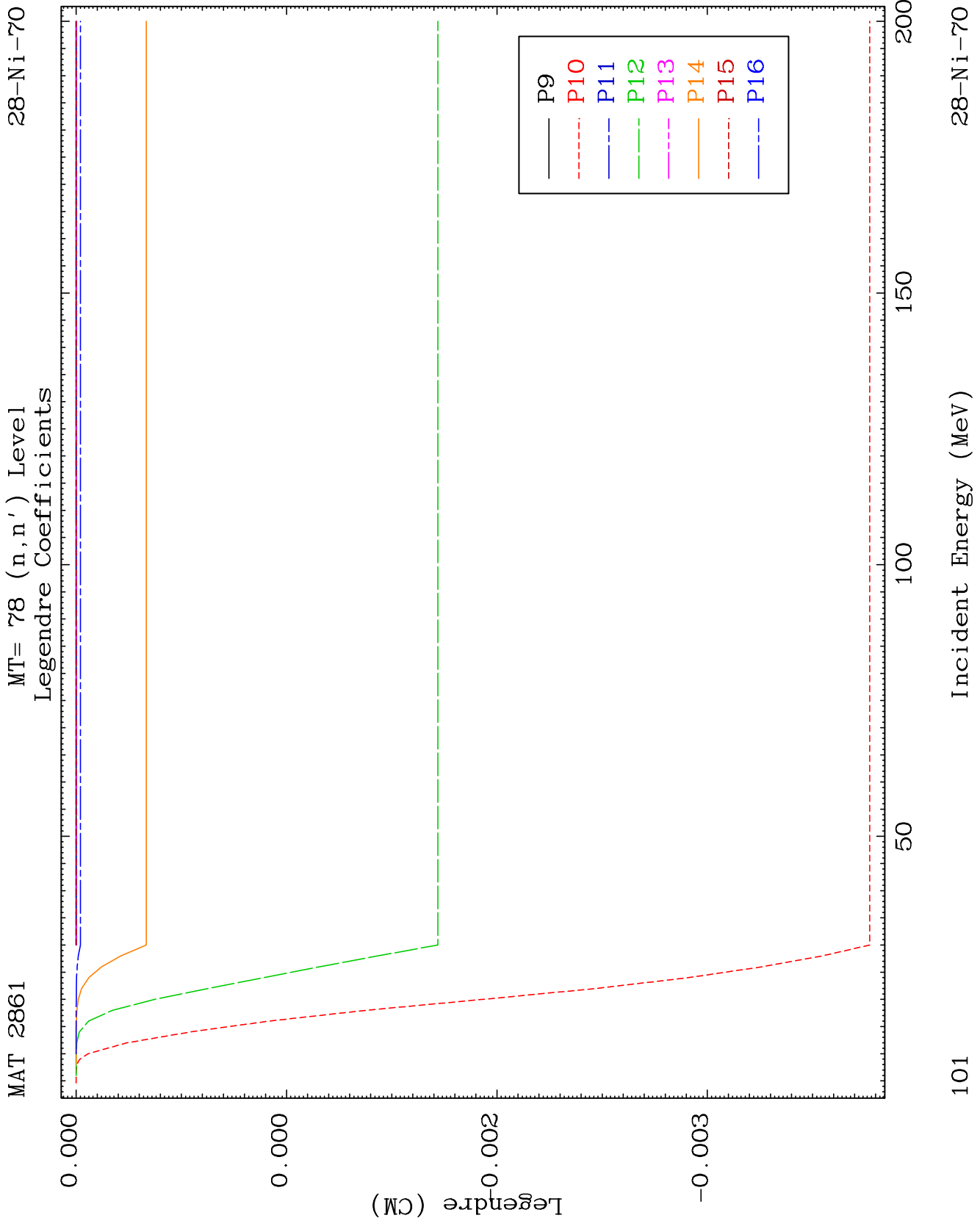
MAT 2861

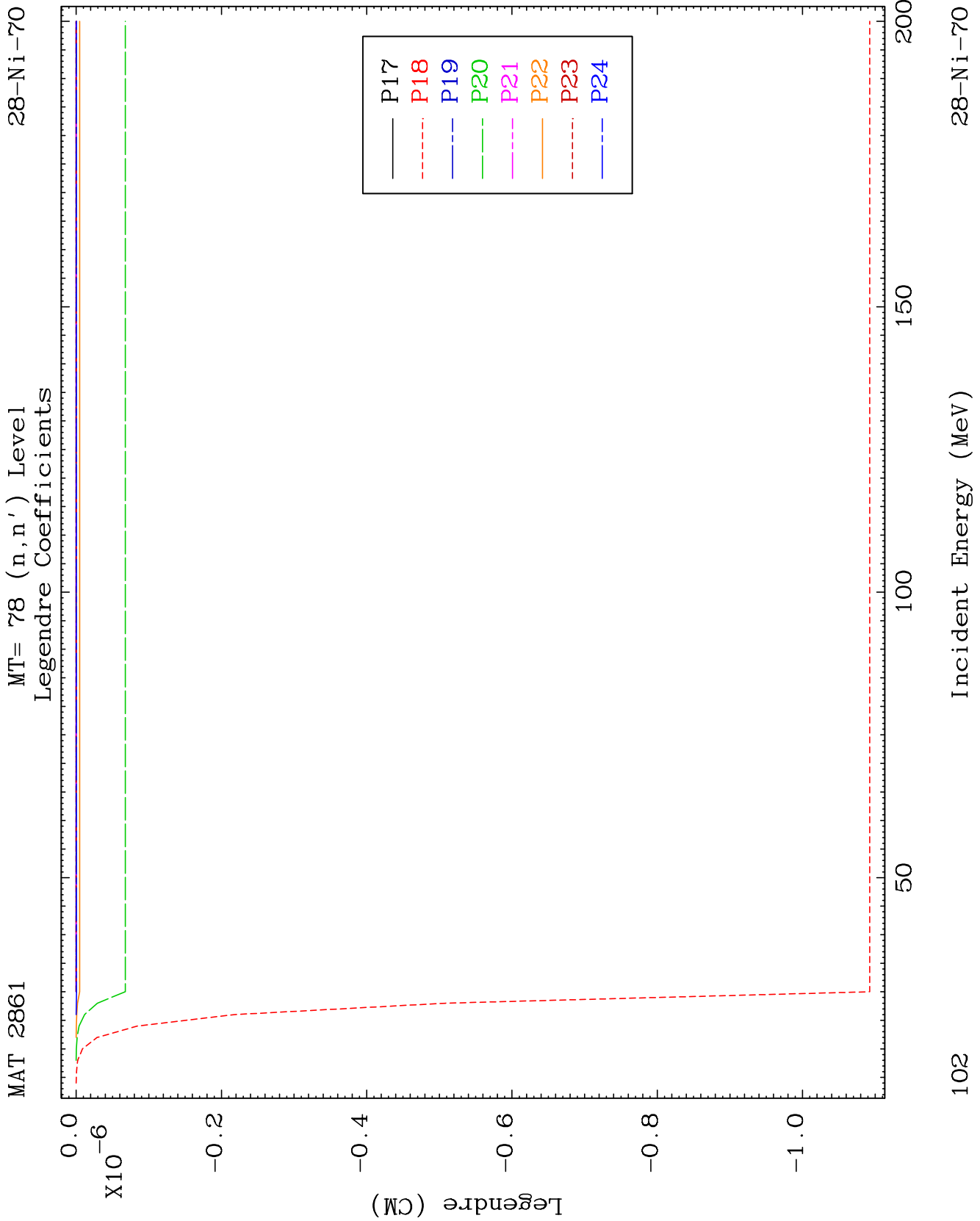
MT= 77 (n,n') Level
Legendre Coefficients

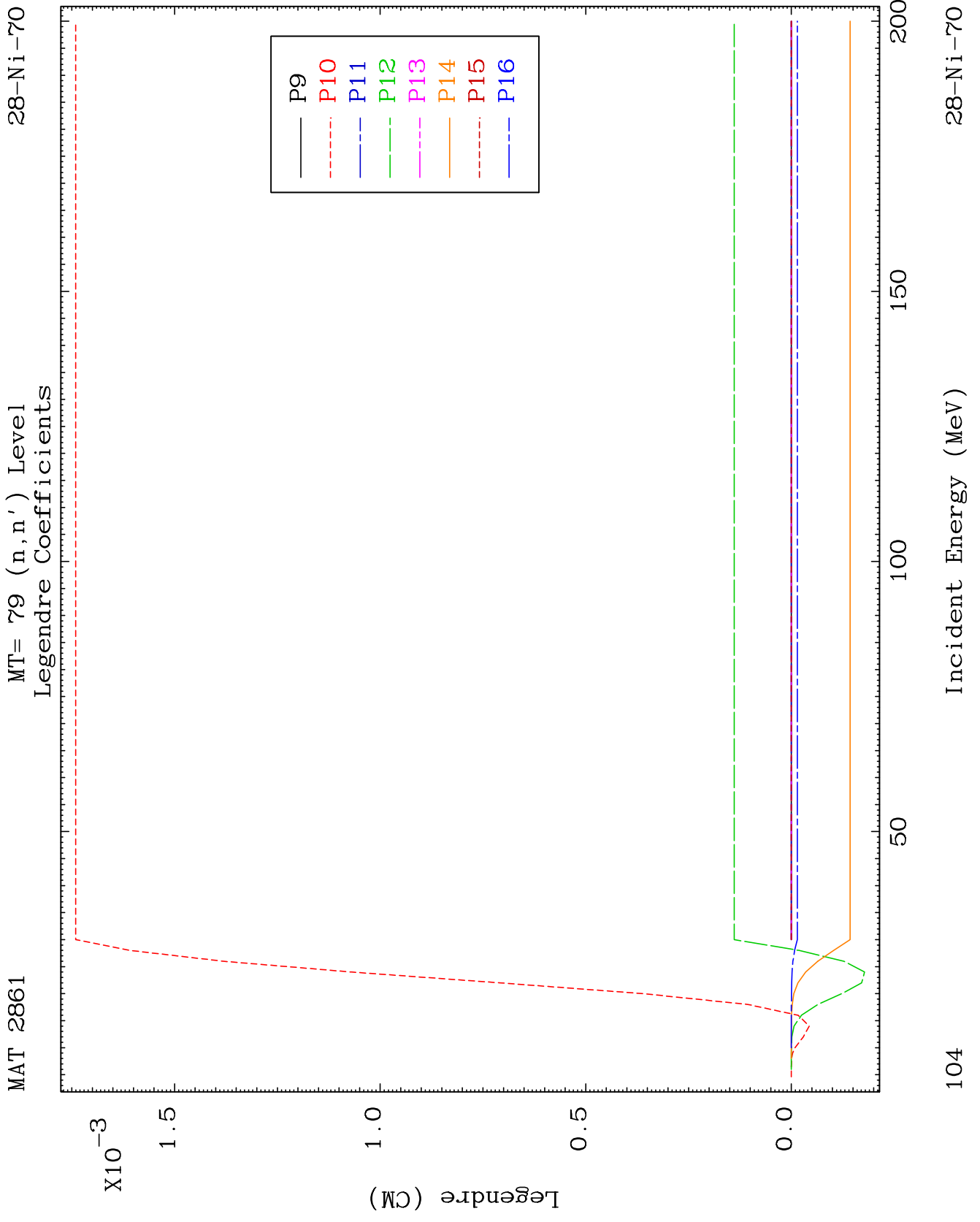
28-Ni-70

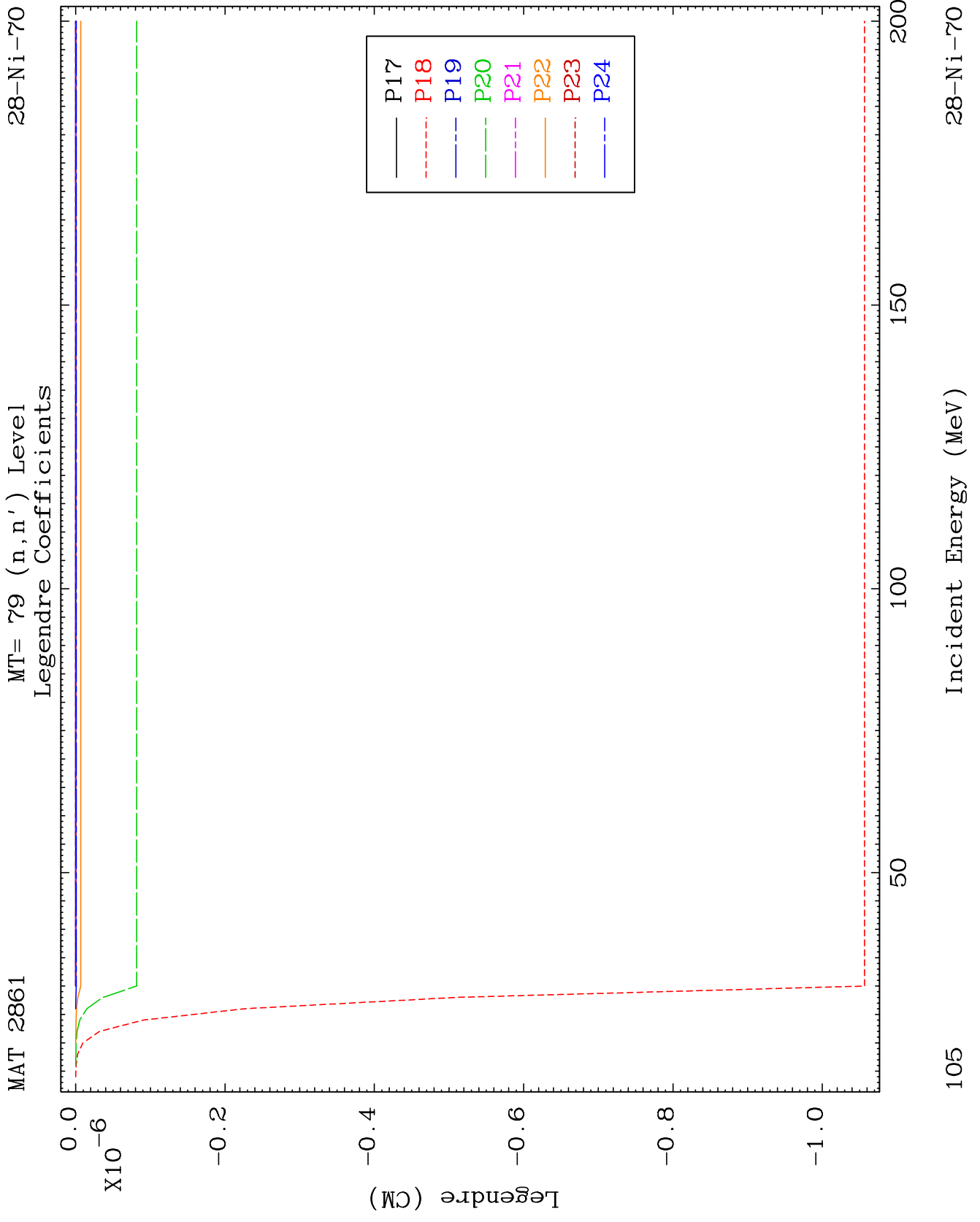


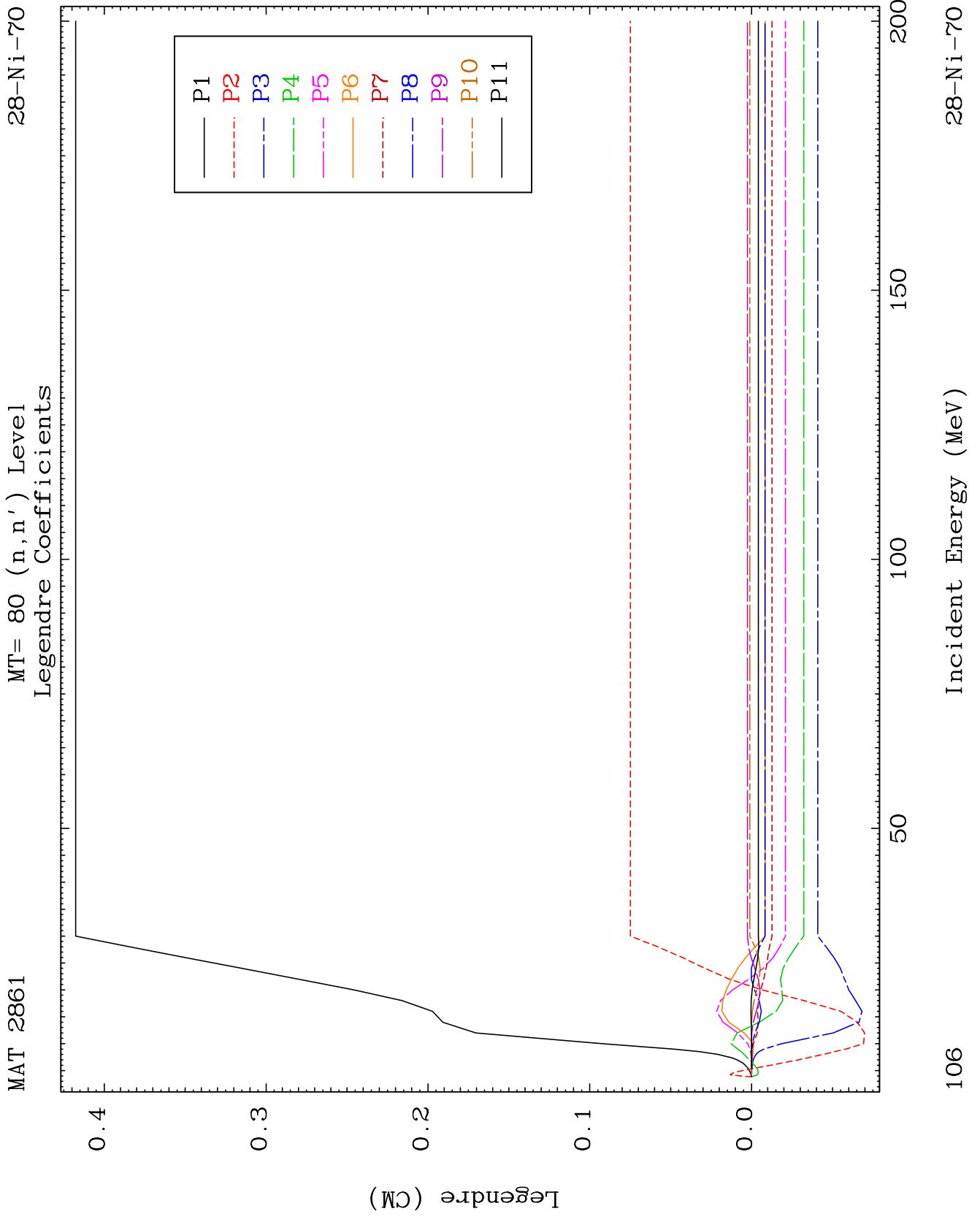








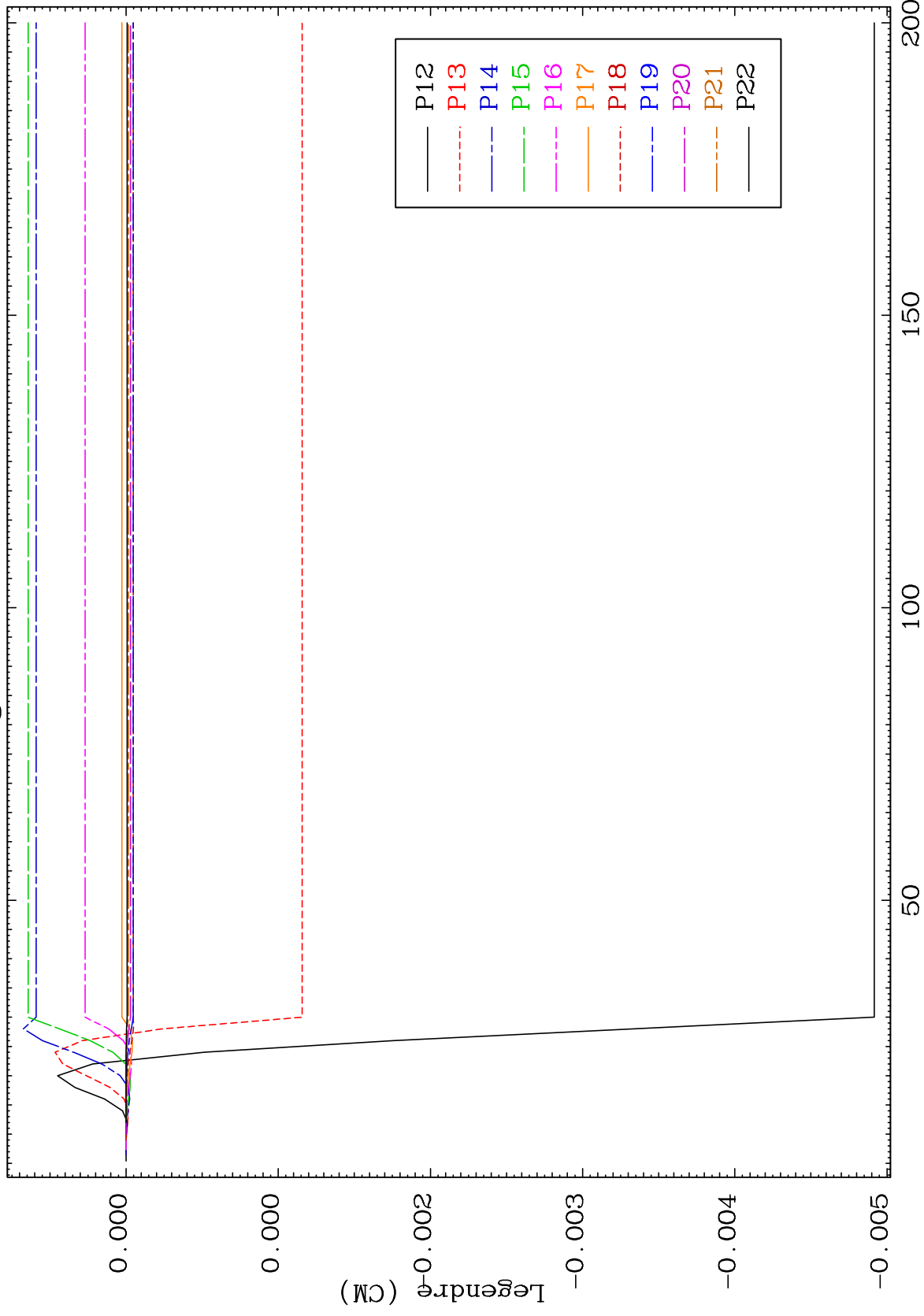




MAT 2861

MT= 80 (n,n') Level
Legendre Coefficients

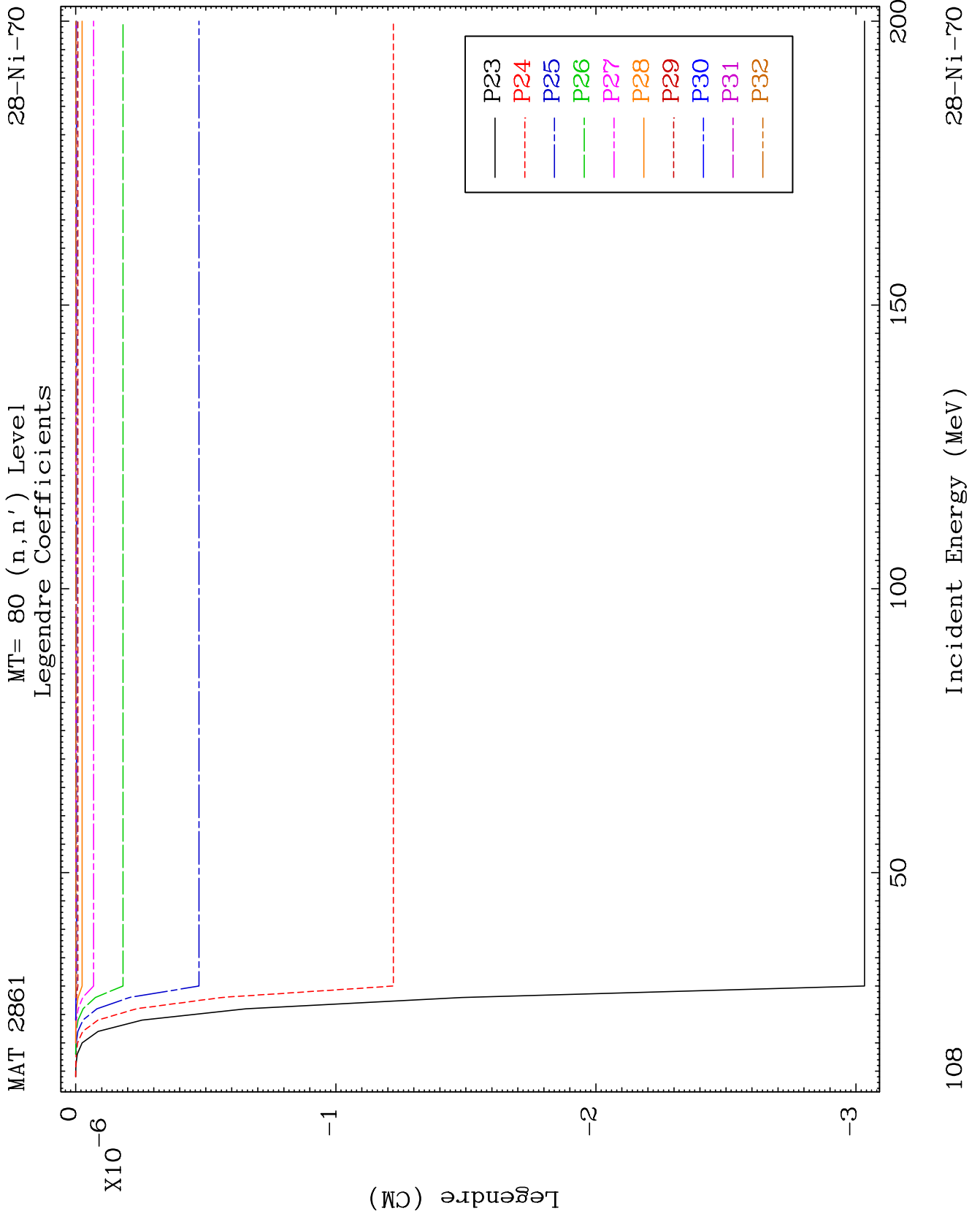
28-Ni-70



107

Incident Energy (MeV)

28-Ni-70

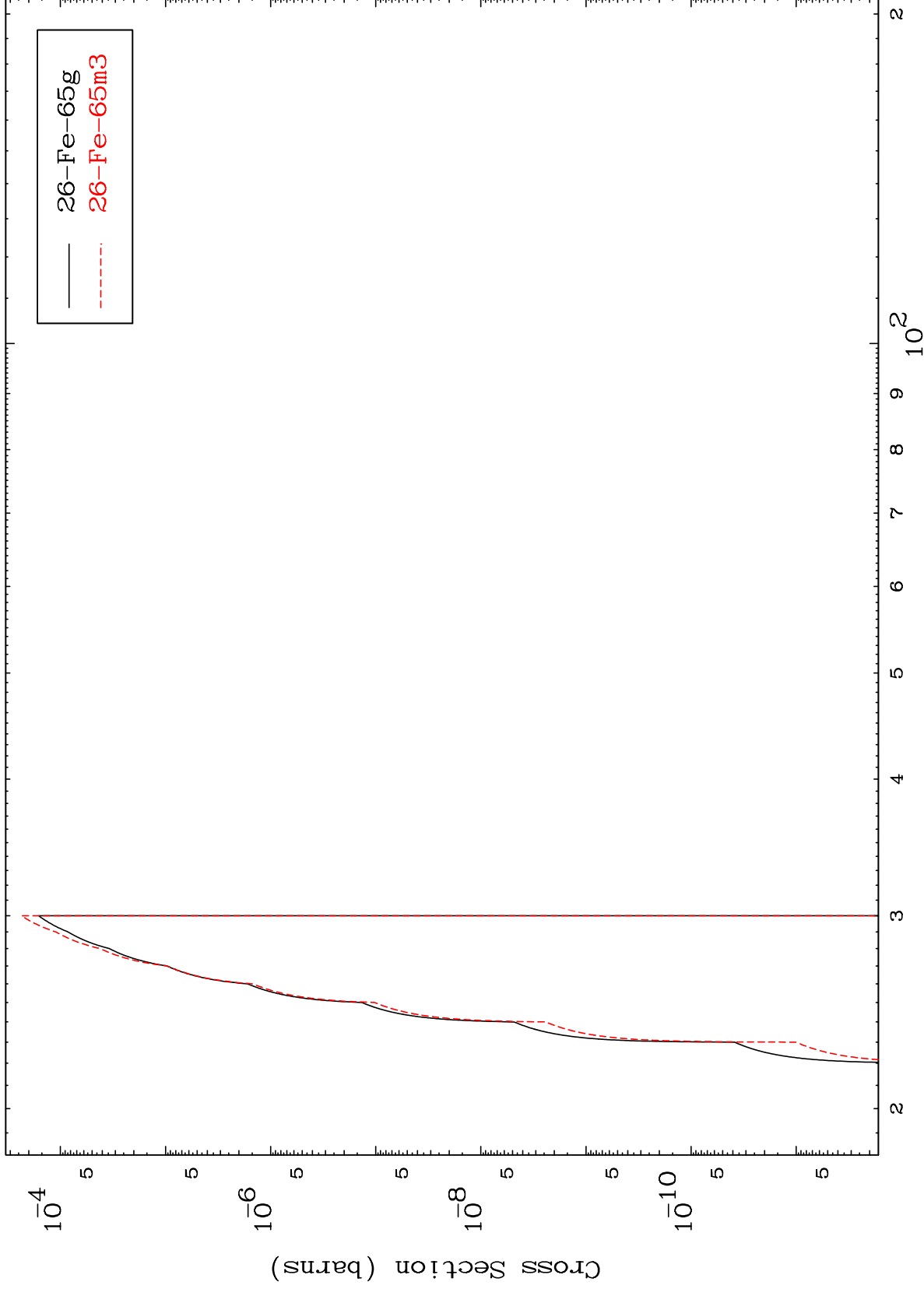


MAT 2861

(n,2n) α

28-Ni-70

Radionuclide Production Cross Section



109

Incident Energy (MeV)

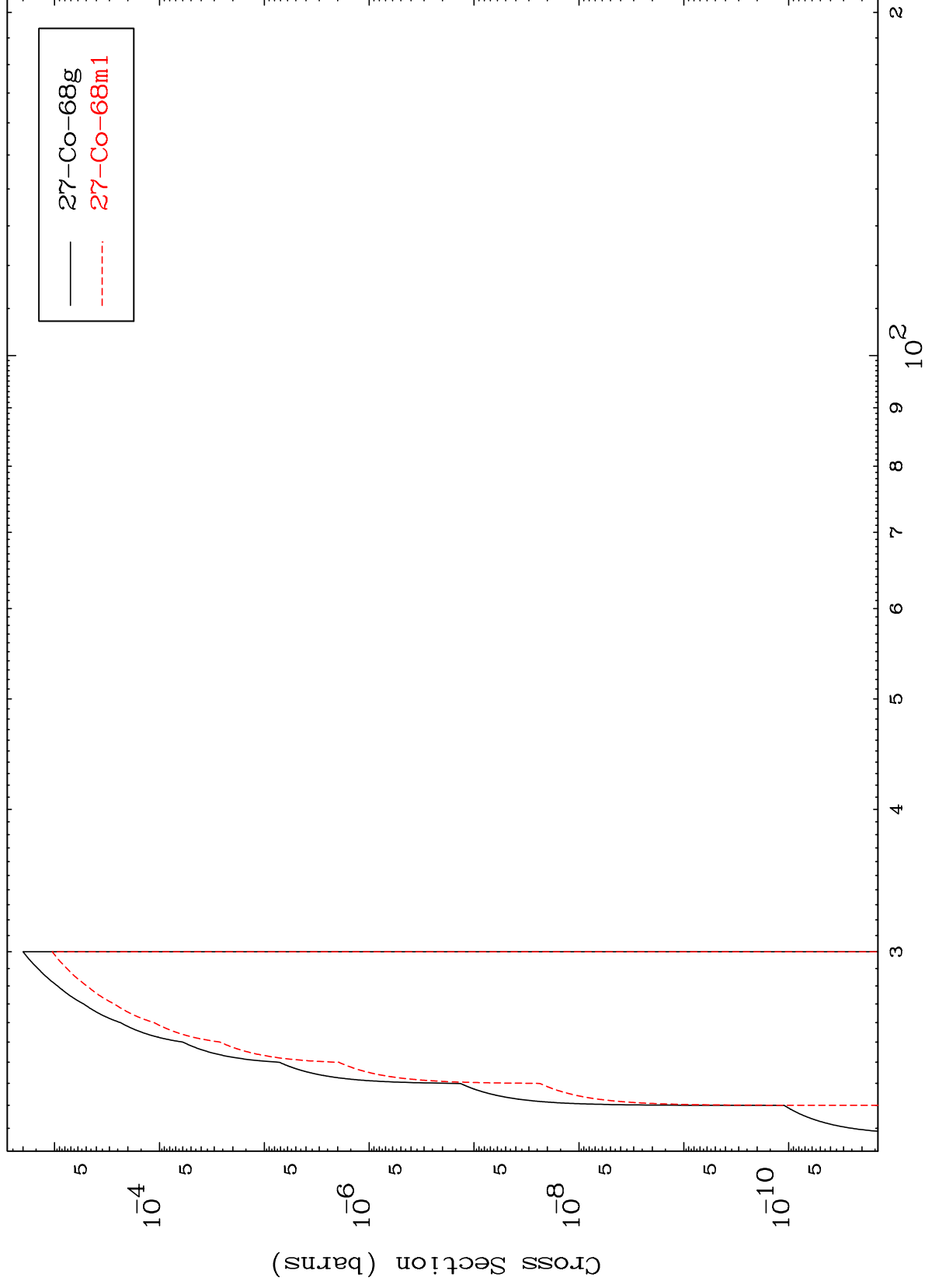
28-Ni-70

MAT 2861

(n,n') d

28-Ni-70

Radionuclide Production Cross Section



110

Incident Energy (MeV)

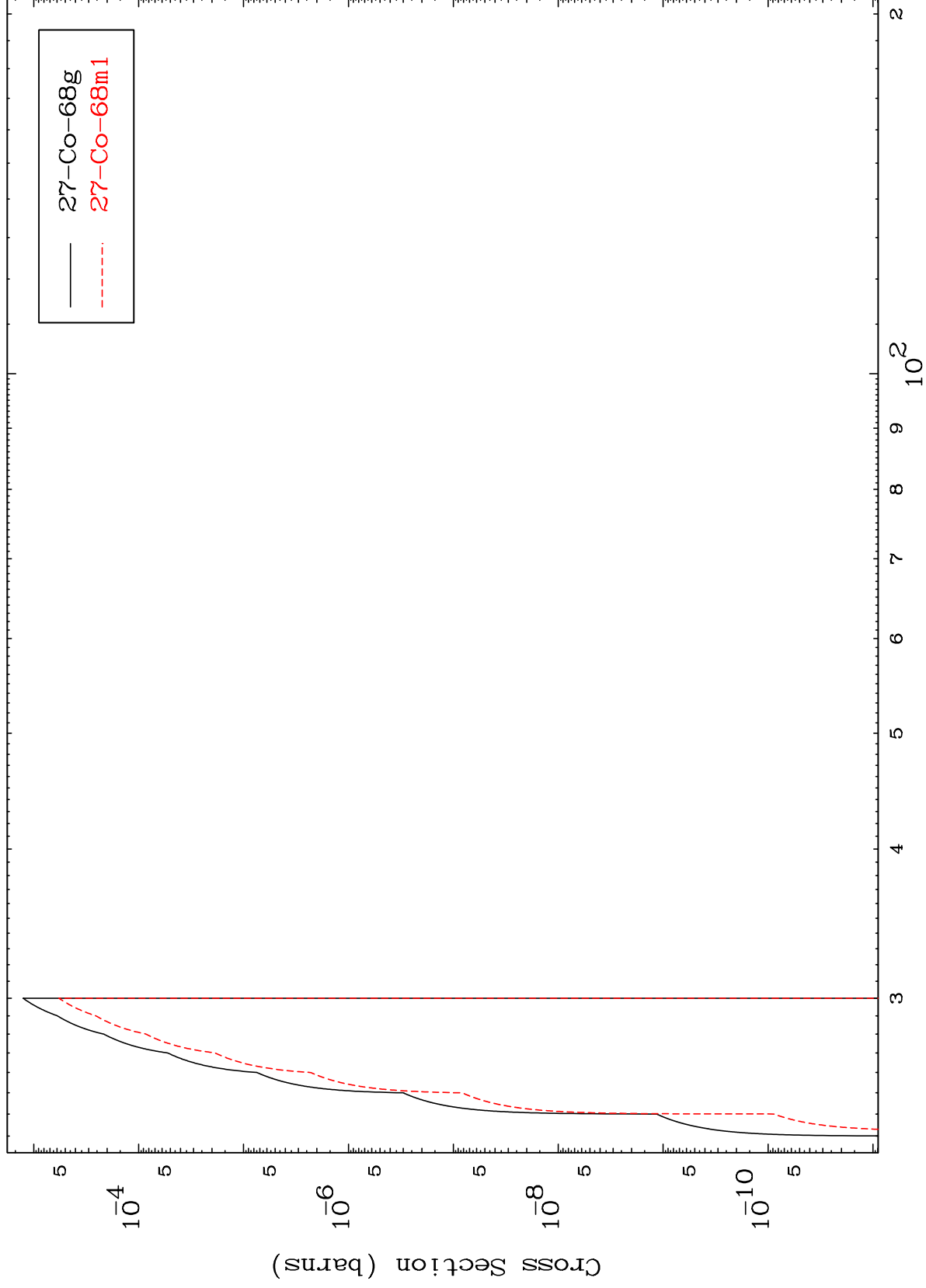
28-Ni-70

MAT 2861

(n,2n) p

²⁸Ni-70

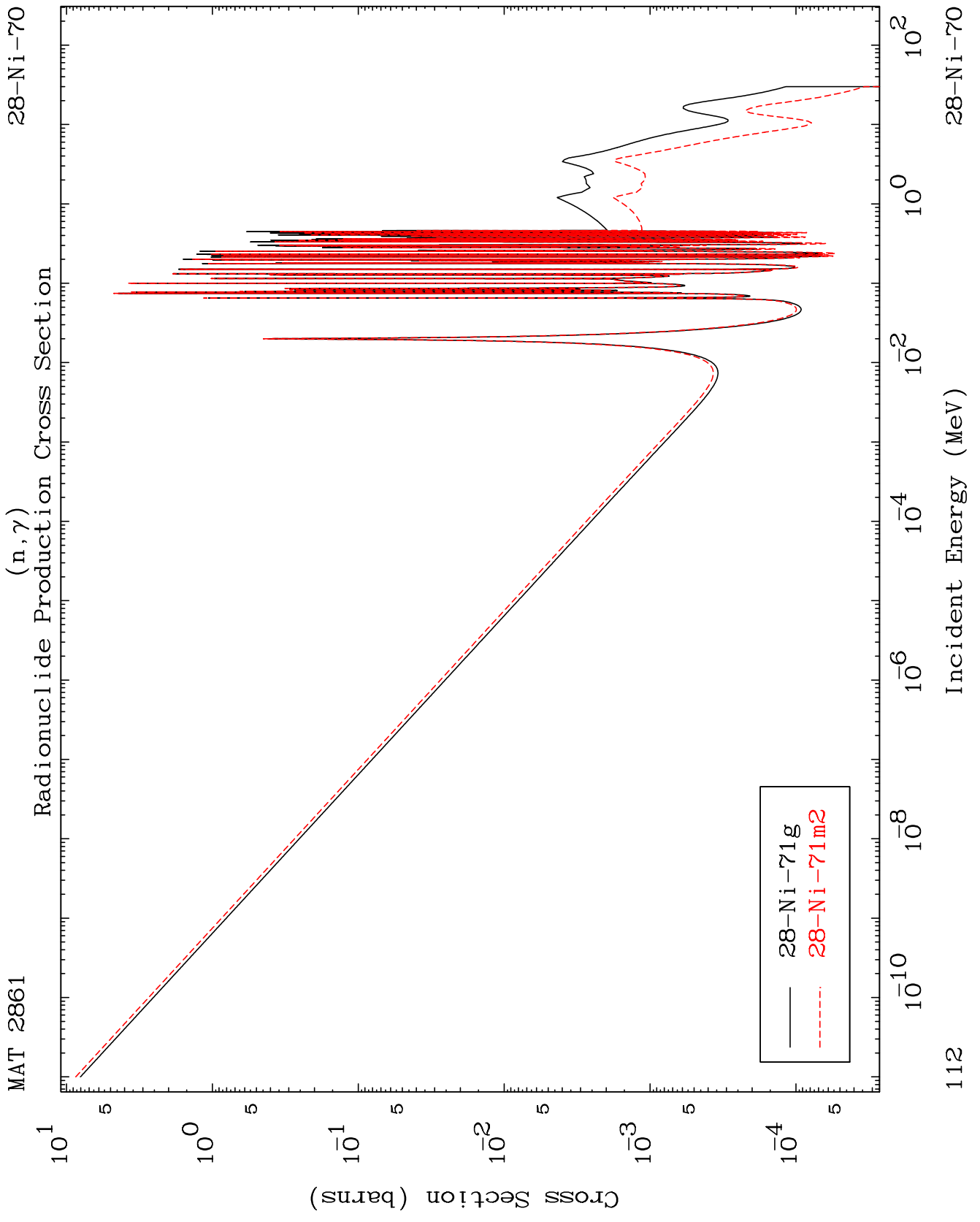
Radionuclide Production Cross Section



111

Incident Energy (MeV)

²⁸Ni-70

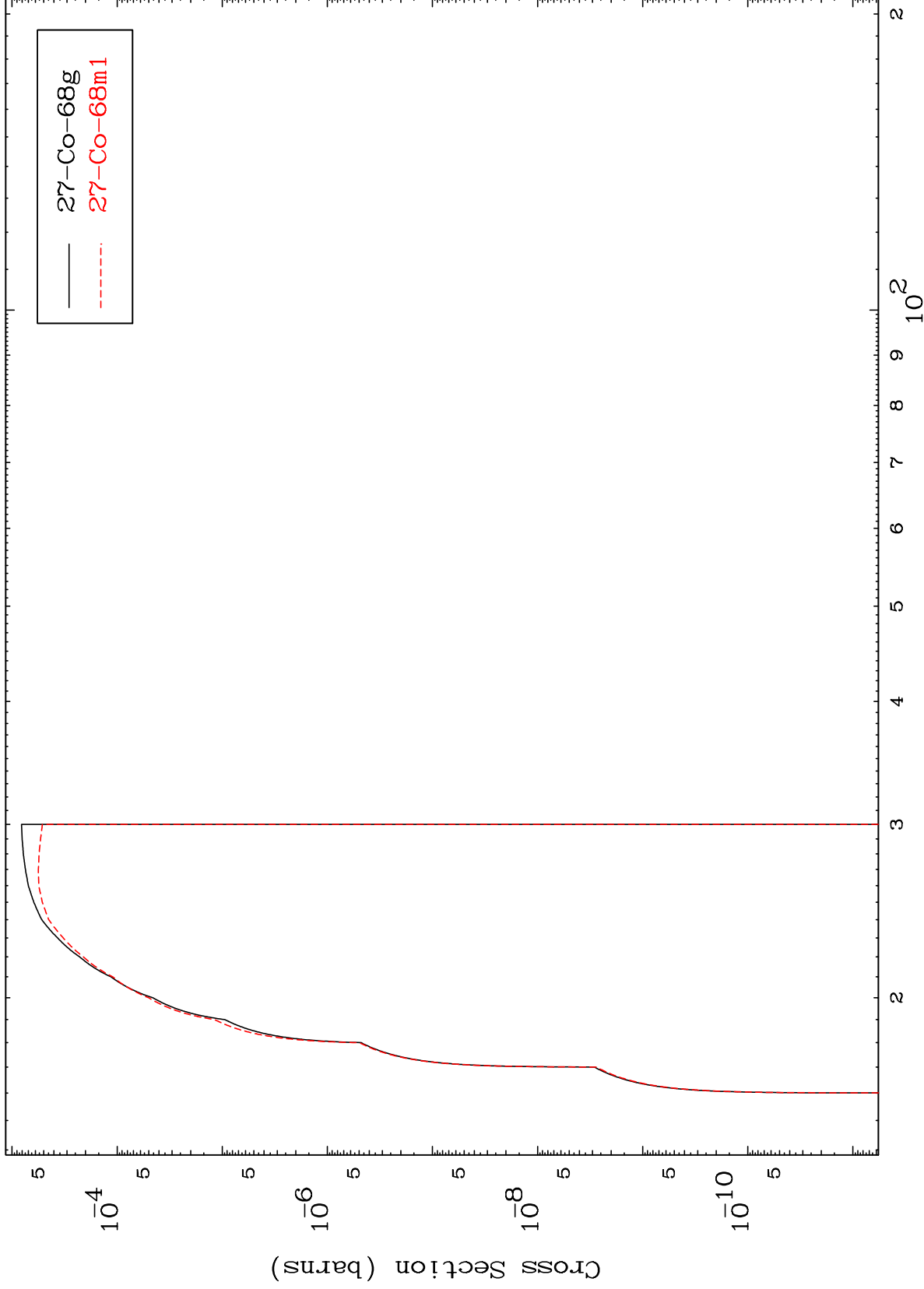


MAT 2861

(n,t)

28-Ni-70

Radionuclide Production Cross Section



113

Incident Energy (MeV)

28-Ni-70